CyberHome *We bring DVD Home!*

Portable DVD Player
Owner's Manual

www.cyberhome.com

Welcome to the Digital Video Revolution!
Your CyberHome Portable DVD Player is designed to provide a great Home Theater experience on the go! Please retain this User Manual for future reference. Remember to read the manual carefully before connecting and powering on the unit.

DVD VIDEO™   **DOLBY DIGITAL**   **dts** DIGITAL OUT   **MP3**

Important Safety Instructions

· ·

When using this DVD player, basic instructions should always be followed, including the following:
1) Read these instructions
2) Keep these instructions
3) Heed all warnings
4) Follow all instructions
5) Do not use this apparatus near water
6) Clean only with dry cloth
7) Do not block any ventilation opening, Install in accordance with the manufacture's instructions
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defect the safety purpose of the polarized plug. A polarized plug has two blades with one wider than other. The wide blade is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments / accessories specified by the manufacturer.

12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart / apparatus combination to avoid injury from tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged liquid has been spilled or objects have fallen into apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15) The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids , such as vases, shall be placed on the apparatus.

SAVE THESE INSTRUCTIONS

WARNING:
TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR ANNOYING INTERFERENCE, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE AND ONLY USE THE RECOMMENDED ACCESSORIES.

CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL FOR SERVICING.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of not isolated dangerous voltage within the inside of the product that may be sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and servicing instructions in the literature accompanying the appliance.

CLASS 1 LASER PRODUCT

The DVD-Player is a class 1 laser product. However, this DVD-Player uses a visible laser beam, which could cause hazardous radiation exposure, if directed. Be sure to operate the DVD-Player correctly as instructed. When this DVD-Player is plugged into the plug socket, do not place your eyes close to the opening of the disc tray and other openings to look into the inside of this player. Do not open covers and do not repair yourself. Refer to the qualified personnel for servicing. Invisible laser radiation when cover is opened and interlock failed or defeated. Avoid direct exposure to beam.

POWER CORD PROTECTION:

To avoid any malfunctions of the unit and to protect against electric Shock, fire or personal injury, please observe the following:
- Hold the plug firmly when connecting or disconnecting the AC power cord to this unit.
- Do not connect or disconnect the AC power cord with wet hands.
- Keep the AC power cord away from heating appliances.
- Never put any heavy object on the AC power cord.
- Do not attempt to repair or reconstruct the AC power cord in any way.
- Remove dust, dirt, etc. on the plug at regular intervals.
- If the unit has been dropped or otherwise damaged, turn off the power and disconnect the AC power cord.
- If smoke, odors or noises are emitted from the unit, turn off the power and disconnect the AC power cord.

PLACEMENT:

Avoid placing the unit in areas of:
- direct sunlight, heating radiators or closed automobiles
- high temperature [over 35 C (95 F)] or high humidity (over 90%)
- excessive dust
- vibration, impact or where the surface is tilted, as the internal parts may be seriously damaged

NON-USE PERIODS:

- When the unit is not used, turn the power off.
- When the unit is unused for a long period of time, the unit should be unplugged from the household AC outlet.

NO FINGERS OR OTHER OBJECTS INSIDE:

- Touching internal parts of this unit is dangerous and may cause serious damage to the unit. Do not attempt to disassemble the unit.
- Do not put any foreign object on the disc tray.

KEEP AWAY FROM WATER AND MAGNETS:

- Keep the unit away from flower vases, tubs, sinks, etc. If liquids are spilled into the unit, serious damage could occur.
- The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids ,such as vases, shall be placed on the apparatus.
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture
- Keep magnetic objects, such as speakers, distant from the player.

STACKING:

- Place the unit in a horizontal position and do not place anything heavy on it.
- Do not place the unit on amplifiers or other equipment, which may become hot

CONDENSATION:

Moisture may form on the lens in the following cases:
- immediately after a heater has been turned on
- in a steamy or very humid room
- the unit is moved from a cold environment to a warm one

If moisture forms inside this unit, it may not operate properly. In this case, turn off the power and wait about one hour for the moisture to evaporate.

NOISE INTERFERENCE WHILE A BROADCAST IS BEING RECEIVED:

Depending on the reception condition of the TV, interference may appear on the TV screen while you are watching a TV broadcast, if the unit is switched on. This is not a malfunction of the unit or the TV. To watch a TV broadcast, turn off this unit.

SAVE THESE INSTRUCTIONS

Important Battery Safety Precautions

Read these battery instructions carefully before using the battery.

Charging
- Charging should shall be less than specified 8.4 V.
- The battery should be charged within the specified temperature of 0~45° C.

Discharging
- In order to prevent over-discharging, the battery should discharge between 7.2 to 7.8 V.
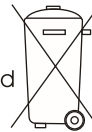- The battery should be discharged within the temperature 0~60° C.

Storage
- The battery should be stored within proper voltage and temperature 0~60° C.
- Keep the battery terminals clean while storing.

Others
- Do not disassemble the cells and battery.
- Do not use a damaged battery.
- Do not expose the battery to fire, or throw the battery into a fire. This may cause the battery to explode.
- Use the specified charger only.
- Do not touch the battery terminals with metal objects.
- Keep out of reach of children.
- If any electrolyte contacts with your hands or clothes, wash it off thoroughly with water.
- The battery may present a risk of fire or chemical burn if misused.
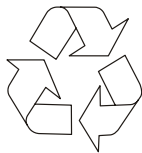
Li-ion Battery
Must Be Disposed
Of Properly

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DVD Player Features & Supported Discs

Welcome to the Digital Video Revolution! Your new DVD Portable opens the door to a much richer home and Portable entertainment experience than you've ever seen before. Enhanced Video and Sound quality, as well as greater flexibility and options are just some of the benefits of Digital Video over conventional formats such as VHS. And your DVD Portable also doubles as a superior Music machine, playing CD Audio or "Compact" Discs, as well as discs containing MP3 Music Files and JPG Images.

Features

- Progressive Scan (480p) with 3:2 pulldown support or Interlaced (PAL/NTSC) video encoding.
- Triple 10-bit Video DACs.
- Suitable for multiple disc formats, including DVD, conventional Audio CD's, CD-R/RW, MP3, JPG and DTS.
- Multiple levels of slow playback. Slow motion without distracting signals in various speeds.
- Repeat playback - Video segments can be selected for repeat playback.
- Multi-Language Display - Usage mode can be displayed on the screen in different languages.
- On-Screen Display and Setup - On-Screen Interface for MP3 Playback and JPG Viewing.
- Parental Control allows you to block discs with a password depending on the rating.

- Standby Power Switch for quick power-on and power save.
- Screen Saver protects your LCD when unit is paused for a length of time.
- 2X Zoom In on picture in still or playback mode.
- Program Function - Specify the playback sequence for Audio CD.
- Component, S-Video & Composite Video Outputs.
- Optical Digital Audio Outputs and Stereo Analog Audio Outputs.
- Multi-functional remote control - A wide variety of functions can be controlled by the Remote Control in the most convenient way.
- Direct track selection function (MP3 and CD) - Number buttons can be used for quick selection of MP3 and CD titles with the remote control.

Supported Disc Formats

The following is a list of disc types that are suitable for play in your DVD Player:

Digital Video Discs

This player is suitable for DVDs of 12cm and 8cm sizes. Single-Sided and Double-Sided DVDs of Single-Layer or Double-Layer type are supported. Discs of NTSC and PAL color systems are supported.

Note: This DVD Player adheres to Region Code Standards. Units sold in North America will only play Region Code 1 discs. The region code is marked on the disc as shown:

Compact Discs - Digital Audio

Music CDs may be used in this player. Also, CD-R and CD-RW discs containing CD-Audio tracks are supported.

MP3 Discs (Including CD-R & CD-RW)

This player features an On-Screen MP3 Player for navigating and playing MP3 files stored on disc. Files must have the ".MP3" extension. When recording MP3 files to a CD-R or CD-RW disc, you must "close the session" before the disc will be useable with this player. A maximum of 250 directories and tracks are allowed.

*Specifications are subject to change without notice. *All trademarks, logos, brand names and company names are the property of their respective owners.

Caring for Optical Discs

Handling of Discs:

Please hold the disc by gripping the rim or by placing the index finger in the central hole. Never touch the signal surface, which is shiny. This applies to both sides of double sided discs.

Cleaning of Discs:

Finger prints or stains on the surface of the disc may cause signal loss. Depending on the degree of the stain, the reflected luminosity from the signal surface may be weakened, resulting in degraded picture quality. Therefore, please use a soft cloth and wipe in a radiating manner from the center of the disc to the outer rims when cleaning the disc surface.

If the surface of your disc is very dirty, please wipe the disc with a moist cloth, followed by a dry soft cloth to remove all water stains.

Never use electrostatic prevention products or solutions which contain benzene, thinner or any other vaporizing substances, as they may damage the disc surface.

Never add labels or adhesive tapes on the discs and be careful not to scratch or damage the disc surface.

Storage of Discs:

To prevent discs from becoming bent or deformed, they should be vertically kept in the disc storage case. To prevent damage, avoid leaving discs in your car, where they may be subject to direct sunlight and high temperature.

Please thoroughly read the "Instruction Points for Attention" on the discs.

Cleaning the DVD Player:

The control panel and the case of the player will only require occasional wiping with a soft cloth. Areas with stubborn stains can be cleaned with a soft cloth dipped in a neutral detergent. To prevent damaging the player, never use vaporizing solutions.

Disc Accessories:

Do not use any disc accessory to improve the audio quality, disc protective solutions or lens cleaner. These products may cause problems.

Labeling Side

Surface

Labels

Tapes
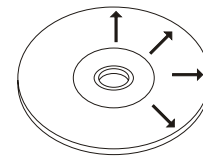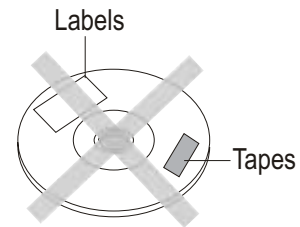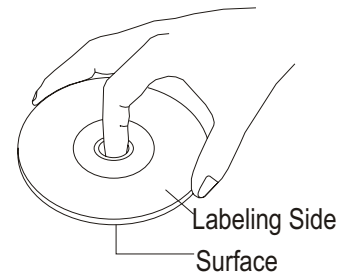
Preparing and Using the Remote Control

Installing the Battery

If the remote control only operates when you get closer to the DVD Player, it may indicate that the battery is weak. Please replace the battery (Lithium battery) simultaneously with a new battery of the same type (CR 2025). Please note the positive (+) side is facing upwards when the remote is held as shown below.

1. Pull out the Battery Holder to remove the battery compartment.

2. Insert new Battery into the Battery Holder. Make sure that Positive (+) side is facing upwards.

3. Return the Battery Holder back into the remote.

Remote Control Bottom
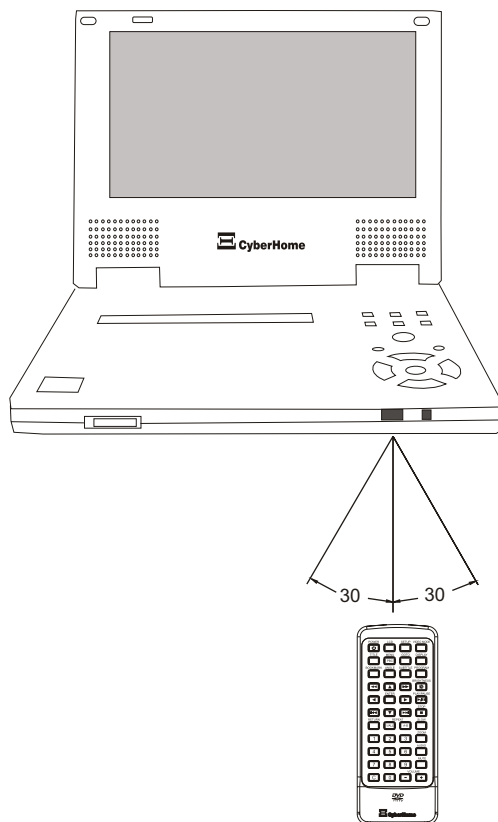
Remote Control Bottom
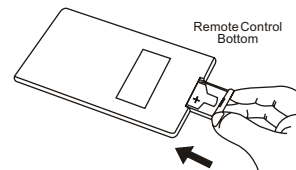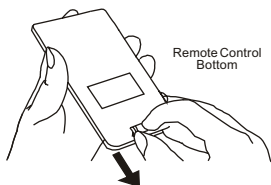
Important Notes about the Battery

- If the unit will not be used for an extended length of time, it's wise to remove the battery before storage.
- The life of the battery depends on the amount of usage. With typical usage, a battery life of approximately 6 months can be expected.

Operation of Remote Control

When using the Remote control, please aim at the device's remote control sensor, located on the front of DVD Player. A 30 degree angle is recommended for best operation.
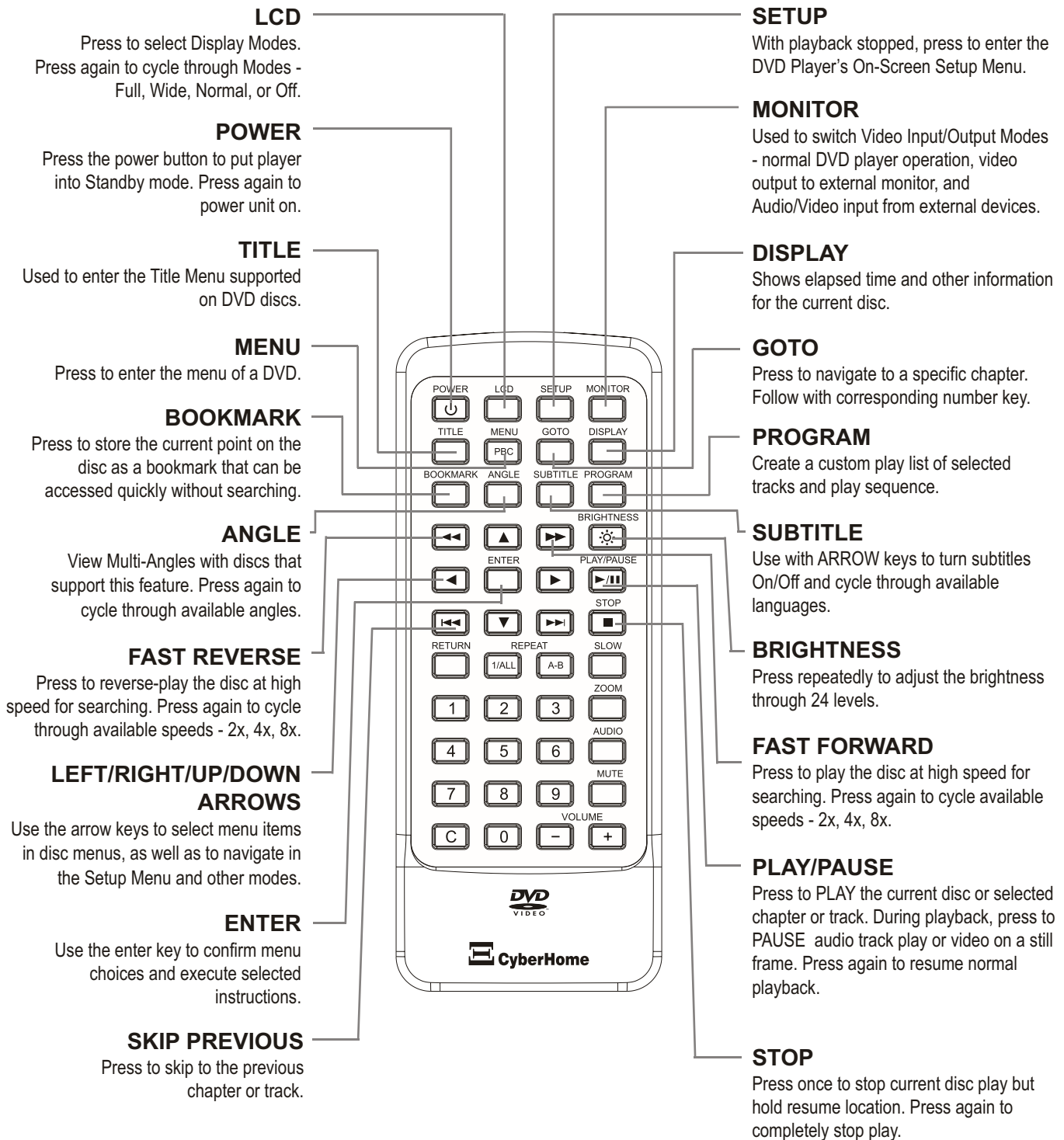
CyberHome

30   30

Quick Tips

- *Make sure no objects are between the remote and the player.*
- *Similar remote controls could interfere with the function of the player.*
- *Make sure not to store the remote upside down or with any objects pressing on the buttons - this could drain the battery.*

Understanding the Buttons on the Remote

The Remote Control provides access to the DVD Player's advanced functions, such as searching, repeating video segments, accessing the Setup Menu, choosing subtitle mode, muting the volume and pausing the action, just to name a few. The remote is also used to put the unit into "standby" mode, and power it on again.
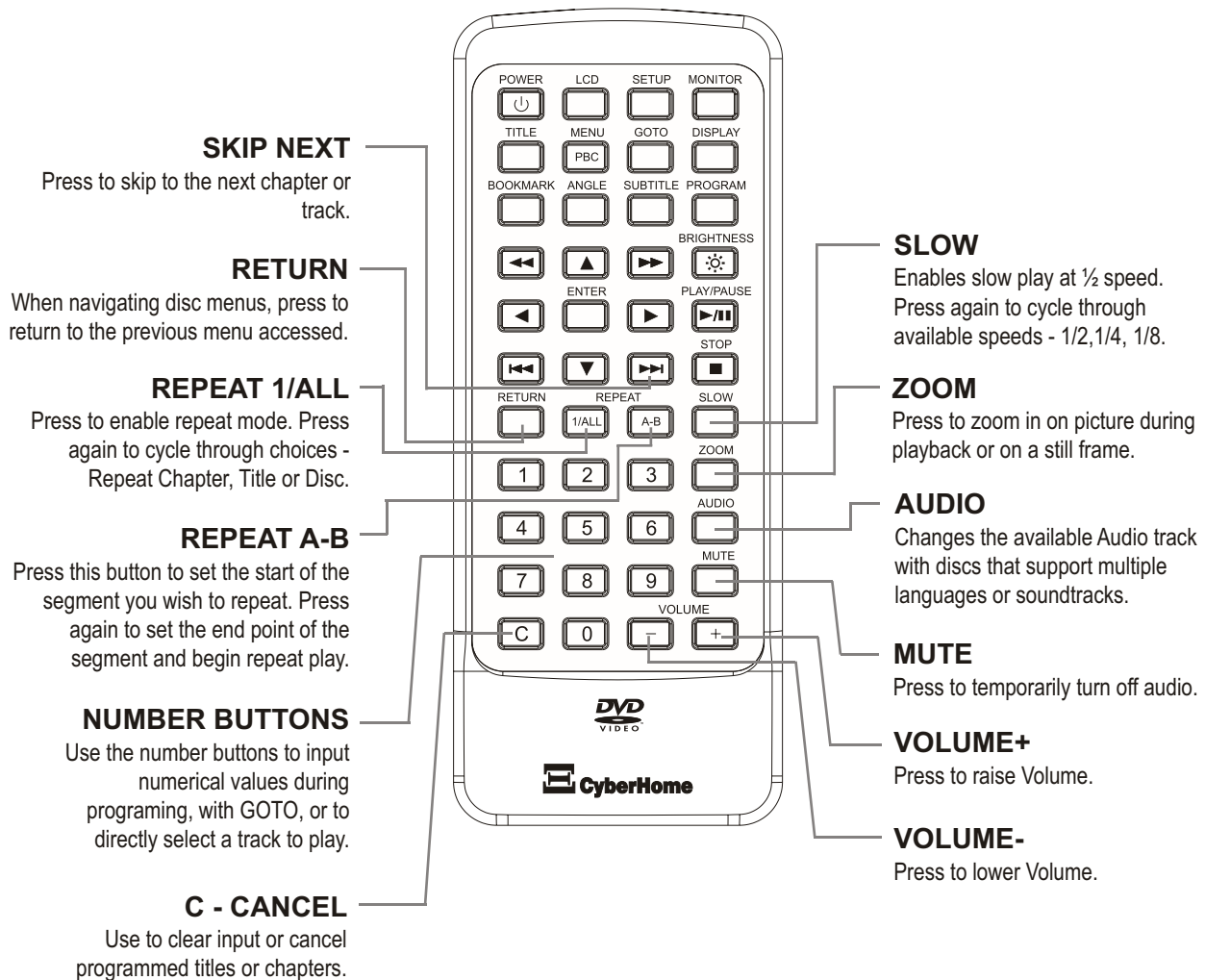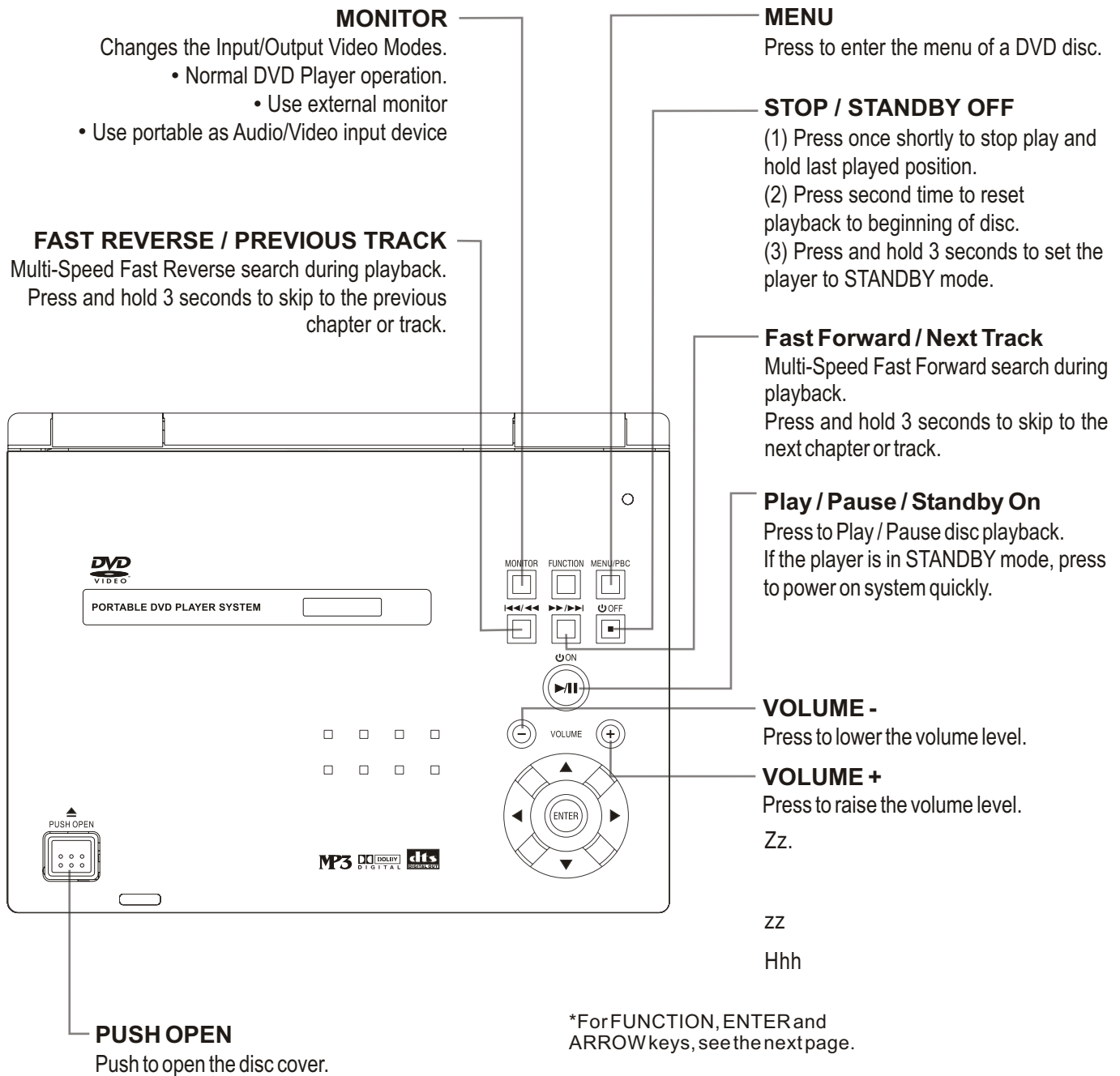
LCD
Press to select Display Modes. Press again to cycle through Modes - Full, Wide, Normal, or Off.

POWER
Press the power button to put player into Standby mode. Press again to power unit on.

TITLE
Used to enter the Title Menu supported on DVD discs.

MENU
Press to enter the menu of a DVD.

BOOKMARK
Press to store the current point on the disc as a bookmark that can be accessed quickly without searching.

ANGLE
View Multi-Angles with discs that support this feature. Press again to cycle through available angles.

FAST REVERSE
Press to reverse-play the disc at high speed for searching. Press again to cycle through available speeds - 2x, 4x, 8x.

LEFT/RIGHT/UP/DOWN ARROWS
Use the arrow keys to select menu items in disc menus, as well as to navigate in the Setup Menu and other modes.

ENTER
Use the enter key to confirm menu choices and execute selected instructions.

SKIP PREVIOUS
Press to skip to the previous chapter or track.

SETUP
With playback stopped, press to enter the DVD Player's On-Screen Setup Menu.

MONITOR
Used to switch Video Input/Output Modes - normal DVD player operation, video output to external monitor, and Audio/Video input from external devices.

DISPLAY
Shows elapsed time and other information for the current disc.

GOTO
Press to navigate to a specific chapter. Follow with corresponding number key.

PROGRAM
Create a custom play list of selected tracks and play sequence.

SUBTITLE
Use with ARROW keys to turn subtitles On/Off and cycle through available languages.

BRIGHTNESS
Press repeatedly to adjust the brightness through 24 levels.

FAST FORWARD
Press to play the disc at high speed for searching. Press again to cycle available speeds - 2x, 4x, 8x.

PLAY/PAUSE
Press to PLAY the current disc or selected chapter or track. During playback, press to PAUSE audio track play or video on a still frame. Press again to resume normal playback.

STOP
Press once to stop current disc play but hold resume location. Press again to completely stop play.

*See next page for remaining buttons.

Remote Control Functions (2 of 2)

*See previous page for upper buttons.

SKIP NEXT
Press to skip to the next chapter or track.

RETURN
When navigating disc menus, press to return to the previous menu accessed.

REPEAT 1/ALL
Press to enable repeat mode. Press again to cycle through choices - Repeat Chapter, Title or Disc.

REPEAT A-B
Press this button to set the start of the segment you wish to repeat. Press again to set the end point of the segment and begin repeat play.

NUMBER BUTTONS
Use the number buttons to input numerical values during programing, with GOTO, or to directly select a track to play.

C - CANCEL
Use to clear input or cancel programmed titles or chapters.

SLOW
Enables slow play at ½ speed. Press again to cycle through available speeds - 1/2,1/4, 1/8.

ZOOM
Press to zoom in on picture during playback or on a still frame.

AUDIO
Changes the available Audio track with discs that support multiple languages or soundtracks.

MUTE
Press to temporarily turn off audio.

VOLUME+
Press to raise Volume.

VOLUME-
Press to lower Volume.

DVD Panel Functions (1 of 2)

MONITOR
Changes the Input/Output Video Modes.
• Normal DVD Player operation.
• Use external monitor
• Use portable as Audio/Video input device

MENU
Press to enter the menu of a DVD disc.

STOP / STANDBY OFF
(1) Press once shortly to stop play and hold last played position.
(2) Press second time to reset playback to beginning of disc.
(3) Press and hold 3 seconds to set the player to STANDBY mode.

FAST REVERSE / PREVIOUS TRACK
Multi-Speed Fast Reverse search during playback.
Press and hold 3 seconds to skip to the previous chapter or track.

Fast Forward / Next Track
Multi-Speed Fast Forward search during playback.
Press and hold 3 seconds to skip to the next chapter or track.

Play / Pause / Standby On
Press to Play / Pause disc playback.
If the player is in STANDBY mode, press to power on system quickly.

DVD
VIDEO

PORTABLE DVD PLAYER SYSTEM

MONITOR   FUNCTION   MENU/PBC

◄◄/◄◄   ►►/►►| ⏻ OFF

⏻ ON
►/II

VOLUME

ENTER

MP3   DD DOLBY   dts
DIGITAL   DIGITAL OUT

PUSH OPEN

VOLUME -
Press to lower the volume level.

VOLUME +
Press to raise the volume level.

Zz.

zz

Hhh

*For FUNCTION, ENTER and ARROW keys, see the next page.

PUSH OPEN
Push to open the disc cover.

On player simplified operations - Function Menu

Using Player panel's ARROW and ENTER buttons to navigate and execute Disc Menus, Function Menu and other options. Function Menu allows you to operate simplified operations, such as Display, Brightness, LCD Mode, Battery, and Setup on your DVD player without using the Remote Control. This is a useful feature when the remote control is not handy.

FUNCTION

Press to enter FUNCTION Menu.

LEFT/RIGHT/UP/DOWN ARROWS

Use the arrow keys to select menu items in disc menus, as well as to navigate in the Setup Menu and other modes.

ENTER

Use the enter key to confirm menu choices and execute selected instructions.
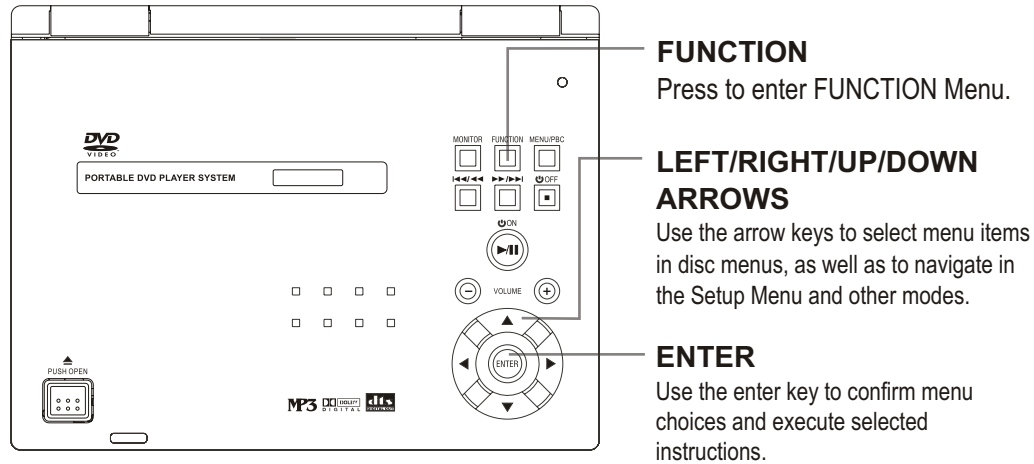
Operations of Function Menu

Press player's FUNCTION Key to enter Function Mode. The Function Menu appears on the screen, indicating Function Menu is active. If you don't touch the Arrow or Enter keys for 10 seconds, Function Menu will disable automatically. (See pg 36)

DISPLAY
BRIGHTNESS
LCD MODE
BATTERY
SETUP

Quick Tips

• *The Function Menu will exit automatically after 10 seconds without touching Player panel's Arrow or Enter Buttons.*

Power Supply (1)

① **Using the AC adapter**

You can use the AC Power Adapter to conserve your battery life if there's an AC Outlet nearby. Once AC Power is applied, the unit will be in STANDBY Mode. STANDBY mode lets you awake system quickly by using the remote control POWER Button, or the unit's ON button.

1 **Connect the Power Plug into the Power Jack**

Plug the Power Plug firmly into the DC IN 10 V Power Jack on the Left Side of the unit.

2 **Connecting the AC Power Cord to the Adapter**

Plug the Power Cord into the AC Adapter.

3 **Plug in to Wall Power Outlet**

Plug the Power Cord to the Adapter and the other end of the Power Cord into a standard wall Power Outlet.

Right Side of Unit

DC IN 10V

DC IN 10V

1

2

3
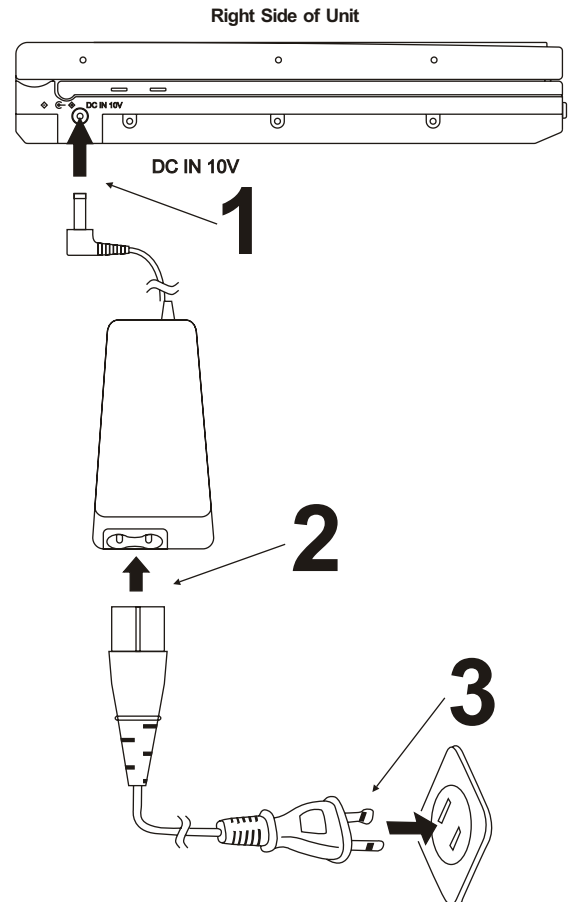
Quick Tips
• *Once Power is applied, the unit will be in STANDBY Mode. (See pg 20)* • *The unit consumes 0.3W when it is in STANDBY Mode.* • *If the unit will not be used for a long time, unplug the AC Outlet.* • *We recommend Removing the Battery Pack when using the AC adapter.*

Power Supply (2)

❷ Using and Charging the Battery Pack

Charge the Battery Pack before using it for the first time. Normally, the Battery Pack can be charged around 500 times. With normal daily use, your Battery Pack can last for 1.5 years. When fully charged, the Battery Pack can operate an estimated 3 ~ 4 hours of continuous playback. The actual battery life depends on how the player is used.

🛈 *Charge the Battery Completely for the first time usage.*

1 Charging the battery pack.

Plug the Power Adapter into the Battery DC IN 10 V Jack on the Left Side of the Battery Pack. Plug the other end of the Power Cord into a household wall Power Outlet.
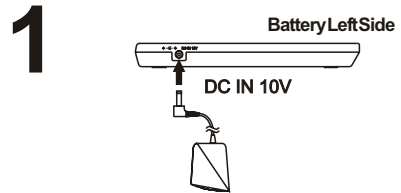
2 Attaching the Battery Pack.

Turn the player upside down on a smooth clean surface that will not scratch the player. Remove the Battery Terminal Protector first from the player if installed. When battery is not attached to player, it is recommended that the terminal protect be installed to prevent any potential electrical short circuit with the player. Aline and insert the Battery 3 guides on the battery with slots on the player.
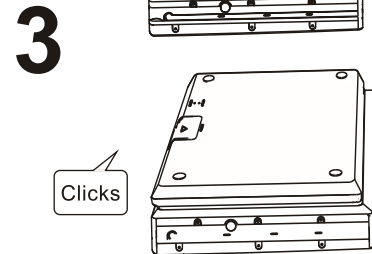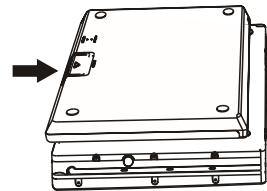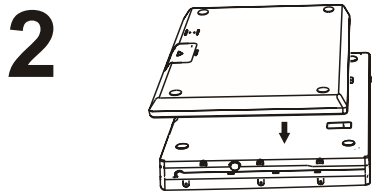
3 Lock Battery Pack to the player.

Keep one hand on the player to prevent the player from moving. Gently slide the Battery Pack toward to front of the player until the battery locks into place.

1 Battery Left Side / DC IN 10V

2

3 Clicks

❸ Recharging and Charging times

We recommend that you charge the Battery Pack only when the battery status becomes less than 25%. Unnecessary charging of the battery will reduce Battery Pack service life. When the Battery Pack is being charged, the Battery Indicator is illuminated **Red**. After charging is completely, the **Red Light** Indicator turns **Green**. The Charging time is normally between 3 ~ 4 hours. Do not charge the Battery Pack more than 8 hours. This could reduce the Battery Pack service life, as well.

▭	**Fully Charged**
▭	**Three Fourth Charge Reminding**
▭	**Remaining Charge is getting low**
▭	**Almost out of Power**

Check Battery Status on Display Menu or Function Menu

Use the table to the left as a guide. When the battery power is in ALMOST OUT OF POWER Status or the unit's front panel power indicator starts to blink, please charge your Battery Pack right away. At this stage, the Battery Pack has about 10 minutes of charge left. (See pg 37)

Detaching Battery Pack

④Detaching the Battery Pack from the unit
If the player is not going to be used for a long period of time, we recommend you detatch the Battery Pack. Even if the unit is powered down, the unit is still consuming some power in STANDBY Mode. This could lead to over discharging of the battery. Make sure before detaching the Battery Pack that the player is turned off. After detaching the battery pack, take special care when handling the unit.

1 Slide and hold in position.
Slide the latch toward the front of the unit. Hold the tab in this position.

2 Removing the Battery Pack
Gently slide the Battery Pack toward the back of the Unit. Lift the Battery Pack from your player carefully. Remember to put the Battery Terminal Proctor back to avoid getting the Battery Terminals dirty.
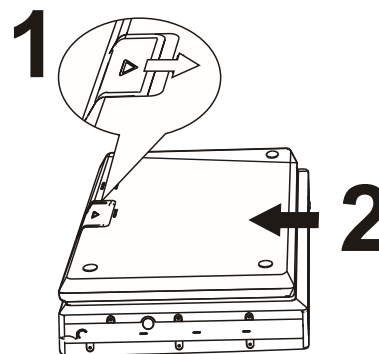
Using a Car Adapter

You can use a Car Adapter while in a vehicle
Connect the Car Adapter Power Plug into the unit's Power Jack and the other end to the Vehicle Cigarette Lighter Socket.

UnitRight Side

Cigarette Lighter Socket

DC IN 10V
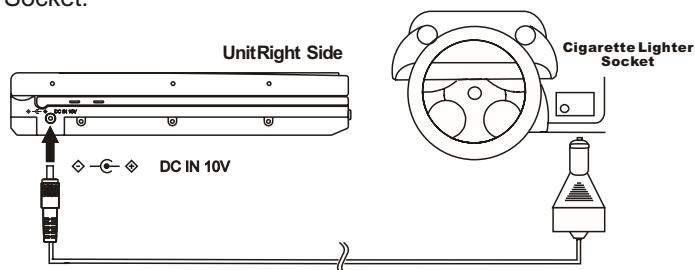
WARNING
• Do not operate the unit or view video software while driving a vehicle. • Place the unit in a secure position for viewing.

Using Headphones

Using Headphones to avoid disturbing others
Connect the Headphone Connector into the right side of the unit's Headphone Jack.

UnitLeft Side
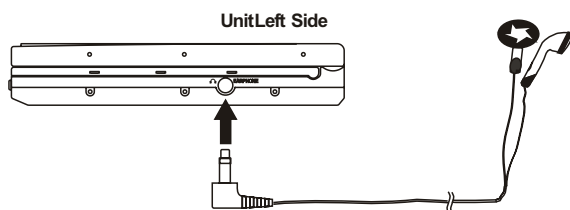
WARNING
• Excessive loud usage of headphones could cause damage to your hearing. • Turn down the Volume before connection, and then raise the Volume to your comfort level. • No sound will come out from the unit's speaker once headphones are connected.

Connecting the DVD Player to your TV / Receiver

Determining the Video & Audio Connections You Will Use

The first step to connecting your DVD Player on your TV is to make the cable connections that will allow you to see the video and hear the audio on your TV and optional Stereo Receiver. Your DVD Player has multiple Video and Audio outputs. Generally, you will only use one Video and one Audio output and any one time. The type of outputs you use will be determined by the capabilities of your Television or receiver. It is recommended that you use the highest quality output that your TV or receiver will support.

Television Connections (One Required)

In order to use your DVD Player, your TV must support at least one of the Video Input types shown below. To get started, identify the best Video Connection shown below that your TV offers and proceed to that section. If you are using your TV's speakers for audio, rather than a separate receiver or amplifier, you will use the Stereo Audio In, outlined in sections 1 and 2.

Composite Video & Stereo Audio

GOOD

VIDEO IN

STEREO AUDIO IN

R (RED)

L (WHITE)

1 Page 17

S-Video & Stereo Audio

BETTER

S-VIDEO IN

STEREO AUDIO IN

R (RED)

L (WHITE)

2 Page 17

Component Video & Progressive Scan

BEST

PROGRESSIVE SCAN / COMPONENT VIDEO IN

Y

Cb

Cr

3 Page 18

TV
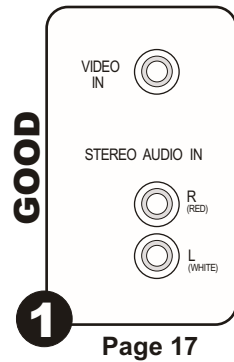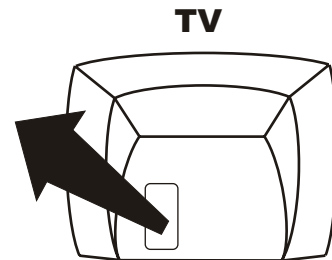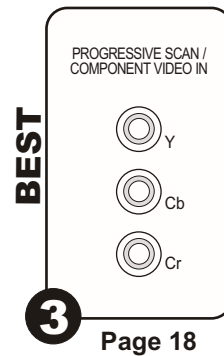
Receiver/Speaker Connections (Optional)

To enjoy the Dolby and/or DTS Digital Surround Sound most DVD movies are presented in, you'll need a advanced setup with a Digital Receiver powering a set of High-Performance Speakers, your player provides the outputs required. For the ultimate in Digital Audio, use the player's Optical Digital Audio outputs with a Digital Receiver powering high-performance Speakers.

Optical Digital Audio

DIGITAL AUDIO IN

OPTICAL

4 Page 19

RECEIVER

16
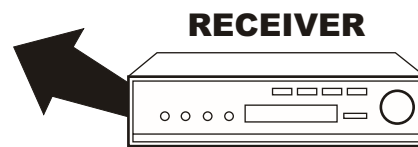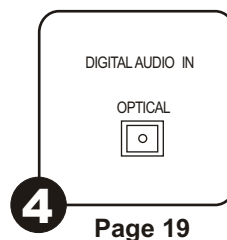
Composite / S-Video & Stereo Audio Connections

① **Typical Connection - Connecting to a TV with Composite Video In and Stereo Audio In**

If your TV has only a single Video Input jack, typically a yellow-colored plug, you will use the Composite Video output of the DVD Player for the Video Connection. We'll also assume your TV has Red and White Stereo Audio In connectors. You will use these for the Audio Connection.

- Use the included Video Cable to connect the Video Out of the DVD Player to the Video In of your TV.
- Connect the Stereo Audio outputs of the DVD Player to the matching Inputs of your TV.
- Connect the Power Plug to the DVD Player and AC Power Outlet/Battery Pack.
- Press the MONITOR button on the DVD Player or Remote to switch the video mode to EXTERNAL MONITOR.
- Turn on the TV and DVD Player and select the Video Input on your TV. On some models, this may be called "Input 1" or "Aux In". You should now see the DVD Player's splash screen on your TV.
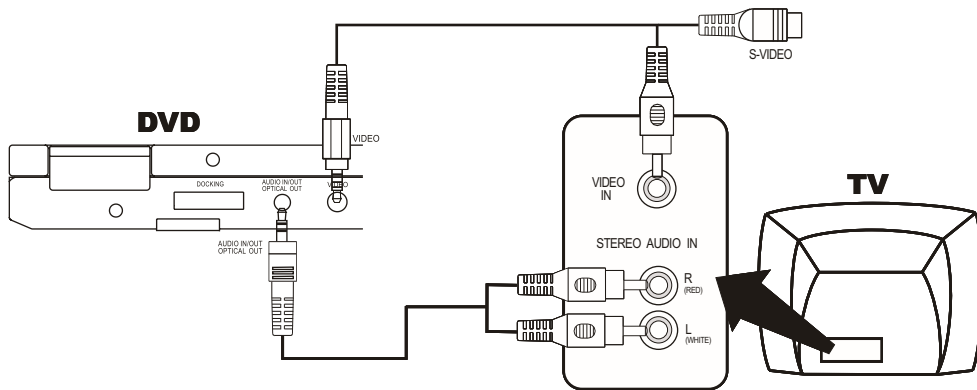
② **Connecting to a TV with S-Video In and Stereo Audio In**

If your TV has an S-Video Input, it's recommended that you use this connection. S-Video separates brightness and color signals, resulting in higher video quality than Standard Composite Video.

S-Video Connector

- Connect the Video Out from the DVD Player to the S-Video In of your TV.
- If you are not using a separate receiver for audio, connect the Stereo Audio outputs of the DVD Player to the corresponding Inputs of your TV
- Connect the Power Plug to the DVD Player and AC Power Outlet/Battery Pack.
- Press the MONITOR button on the DVD Player or Remote to switch the video mode to EXTERNAL MONITOR.
- Turn on the TV and DVD Player and select the S-Video Input on your TV. On some models, this may be called "Input 2" or "Video 2". You should now see the DVD Player's splash screen on your TV.
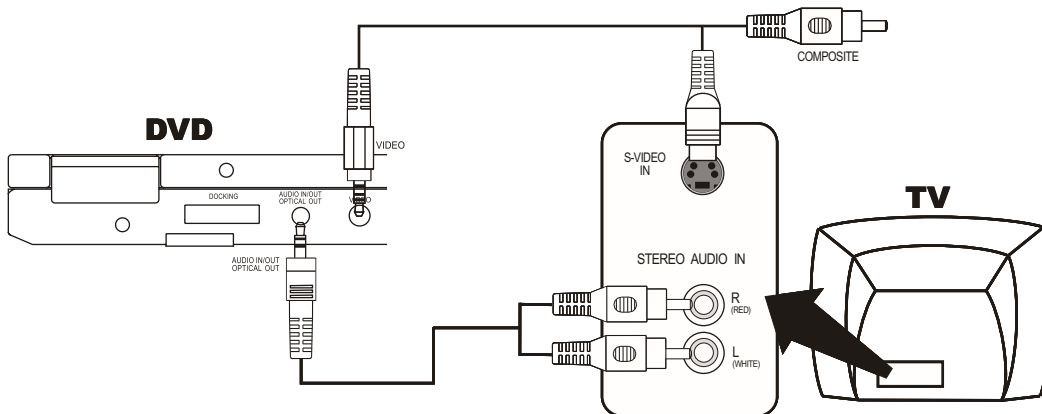
Component Video & Progressive Scan Connections

❸ Connecting to a TV with Component Video Inputs

Component Video separates the Video Signal into three separate "components", resulting in a higher quality picture than S-Video or Standard Composite Video. In order to use Component Video, you must use a TV equipped with Component Video Inputs. You'll also need (3) Component Video Cables (included).

Component Video
Connectors
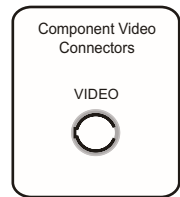
VIDEO

Step 1: Enter the Setup Menu to Change the Video Setting

With disc play stopped, press the SETUP button on the Remote Control to enter the DVD Player's On-Screen Setup Menu. Use the ARROW keys to navigate down to the VIDEO menu and press ENTER or Right Arrow Key. Use the ARROW keys again to proceed down to the OUTPUT setting. Press ENTER and then use the UP/DOWN keys to select **YCbCr**. Press ENTER to confirm your choice.

For Help on Using the Setup Menu, see pg 38.

LANG. ▶	SYSTEM	NTSC
VIDEO ▶	ASPECT	4:3 PS
AUDIO ▶	OUT PUT	YCbCr ⬍
CHILD ▶		
OTHERS ▶		
EXIT		

▲▼▶◀ ENTER RETURN SETUP
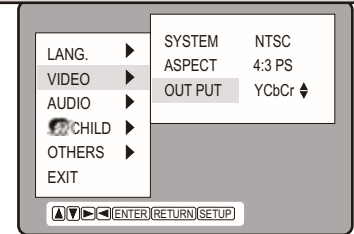
Step 2: Connect the Player using the Component Video Cables

At this point, connect the separate Component Video Cables to the appropriate jacks.
Normally, cables and jacks are color-coded to make connection easier. Power on TV and set your TV to the Video In Channel associated with the Component Video inputs ("Video 3", "Input 3", etc.) Lastly, press the MONITOR button on the DVD player or Remote to switch the video mode to EXTERNAL MONITOR. You should now see the DVD Player splash screen on your TV.

TV

PROGRESSIVE SCAN /
COMPONENT VIDEO IN

Y — GREEN OR YELLOW

Cb — BLUE

Cr — RED

DVD

VIDEO

DOCKING   AUDIO IN/OUT
OPTICAL OUT
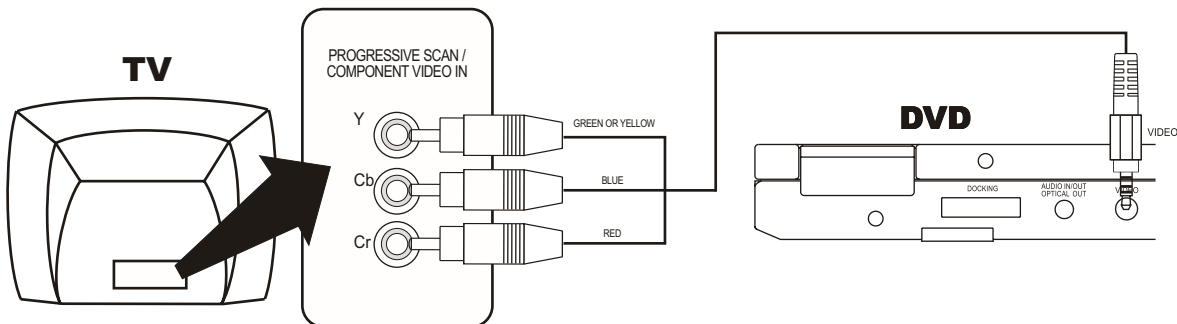
Step 3: If You Are Using a PROGRESSIVE SCAN TV

Now that you are using the Component Video Outputs, you can change the OUTPUT setting to enable Progressive Scan mode. Do not change these settings if you are not SURE your TV supports Progressive Scan.

Using the ARROW and ENTER keys, change the OUTPUT setting to **YPbPr**. The DVD Player is now in Progressive Scan mode. Exit the setup menu by pressing the SETUP button.

LANG. ▶	SYSTEM	NTSC
VIDEO ▶	ASPECT	4:3 PS
AUDIO ▶	OUT PUT	YPbPr ⬍
CHILD ▶		
OTHERS ▶		
EXIT		

▲▼▶◀ ENTER RETURN SETUP
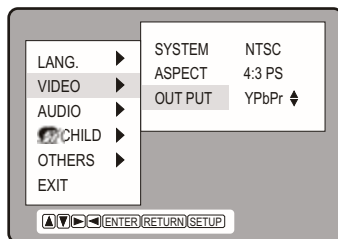
For Help on Using the Setup Menu, see pg 38.

Quick Tips

If you need to reset the Player's Video Settings to factory defaults, Reset the player, Open the Disc Cover and press "STOP - 2 - 0 - 0 - 2" on the Remote Control.

Digital Audio Connection

4 **Using the Optical Digital Audio Output Connection**

Your DVD Player features Optical Digital Audio Output to provide the ultimate in realism for your Home Theater experience. Use this function to get the most out of discs recorded with Dolby 5.1 Digital Surround Sound or Digital Theater System (DTS) by sending the encoded, or "RAW" digital audio signal to your Receiver for decoding. You must be using a Digital Receiver with 5.1 Channel Decoding and an Optical Digital Input to take advantage of this feature.

- You will need to purchase an Optical Digital Audio Cable to support one end with Mini Optical Connector, as this cable is not included with the DVD Player.
- Connect the Optical Digital Audio Out of the DVD Player to the corresponding Input of your Receiver.
- Adjust your Receiver's Input Source Setting to the correspond with the Digital Audio In.
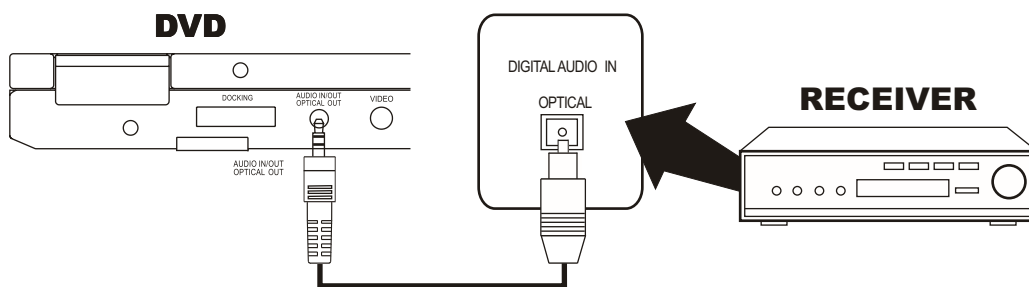
Connecting Video / Audio Sources from External Devices

Connecting to a Video Source with Composite Video Out and Stereo Audio Out

Your DVD Portable features playing programs on unit's built-in screen with an External Composite Audio/Video Device to your DVD Portable. Most camcorders or other external devices have Composite video and analog stereo output connectors.

- Use the included Video Cable to connect the Video Out of Camcorder etc. to DVD Player Video plug.
- Connect the Stereo Audio outputs of External Device to Audio in/out plug on the player.
- Turn on the Camcorder etc. and DVD Player and select Output on your Camcorder.
- Press the MONITOR button on the Remote Control or Player TWICE. You will see the Power Indicator will change to **Orange** to indicate the player is ready for external device Audio/Video input. (See pg 31)

19
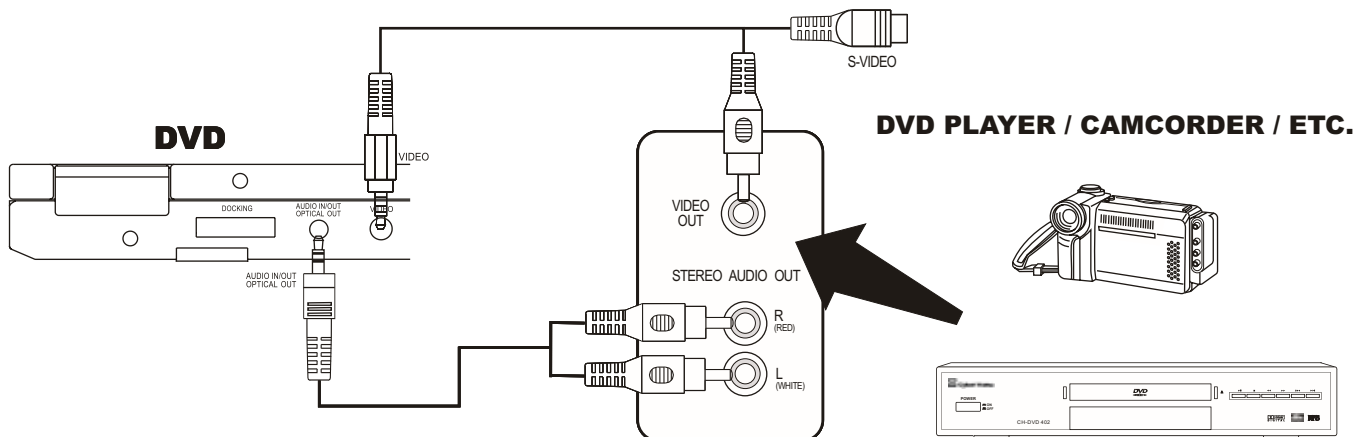
Getting Started - Powering On & Playing a Disc

After Power is Applied
Once power is applied to the DVD Player, turn on the unit either by remote or the front panel's Power button. At this moment, you will see the Player's Power Indicator is Green (See pg 31). Once there is a disc inside and the disc lid is closed, your player starts to play automatically.

1
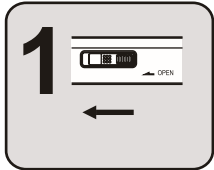
Sliding the Latch Open
Slide the Latch open and hold the tab in this position.

2

2
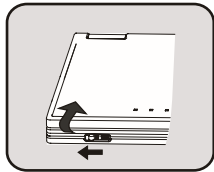
Open the LCD Panel
Open the LCD Panel and adjust to your preferred viewing position.

Clicks

2
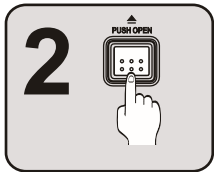
Opening the Disc Lid and Loading a Disc
Press the PUSH OPEN button on the player to open the Disc Lid and insert a disc. Make sure the disc is placed in the center of the spindle firmly. Press down gently on the disc until the disc is locked on to the spindle. Gently close the Disc Lid back to original and lock the position.

3

4

3
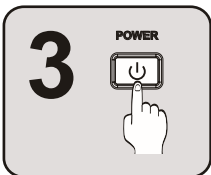
Powering on from the Remote
If the power is applied from AC Power or Battery Pack, the player can be turned off and on by the remote. When the player is turned off by the remote, it will go into STANDBY MODE. This allows the player to be quickly "awakened" by pressing the POWER key on the remote again. Press the Power button once a disc is inside. You will see the message LOADING on the screen. Once the disc is read, you should see the menu screen for DVD discs, or hear sound for an Audio CD.

4

The Play Button
Most DVDs will automatically display a menu when inserted. However, some discs will require you to press the PLAY button. Also, the PLAY button can usually be used to quickly start a DVD movie when pressed with the menu displayed. This function varies with discs.

3

4

Quick Tips

About Standby Mode
Your DVD Player is equipped with a power-saving feature called STANDBY MODE. When you press POWER on the Remote to turn off the unit, it will enter standby mode, where it can be quickly awakened by pressing POWER again.

1 STOP
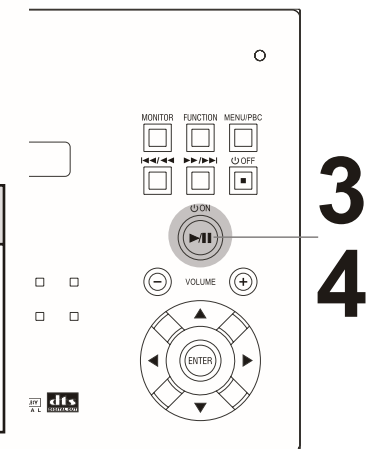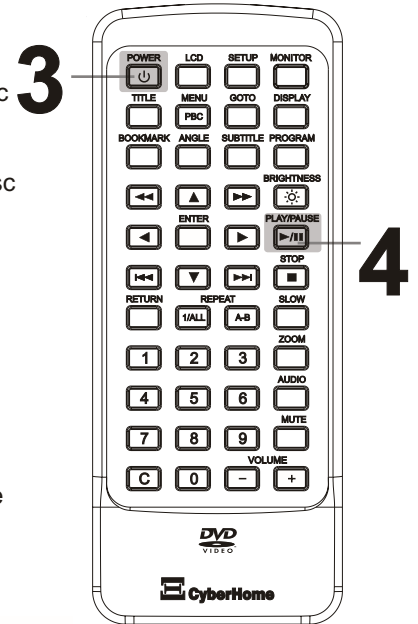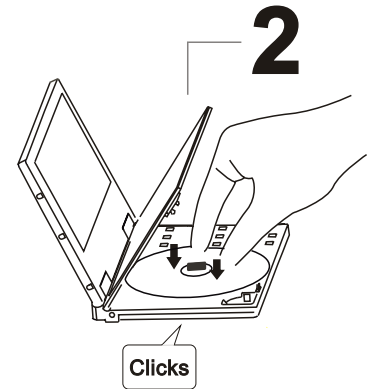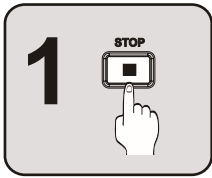
To Stop Disc Play

Press the STOP button to stop playback of the disc. With Audio CDs and DVDs, after the STOP button is pressed, the CyberHome Splash Screen will display on the screen. The stop point is now saved and you can resume playback by pressing PLAY. Press the STOP key again to reset the play position to the beginning of the disc.

2 PLAY/PAUSE

Pausing Disc Play

With DVDs, you can pause playback on a still frame with the PAUSE button. Pressing PAUSE while playing Audio CDs will mute the sound and hold the play position. Press AGAIN to resume normal playback.
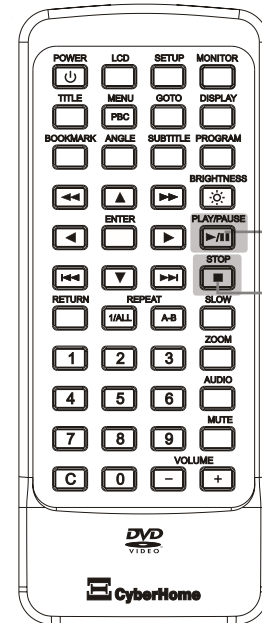
Quick Tips

Screen Saver

- *When a DVD remains paused on a still frame for an extended length of time - approximately 3 minutes - the Screen Saver will be activated.*
- *The Screen Saver guards against damage to your LCD or TV screen, or "screen burn" which could result in residual images on the TFT LCD or TV's CRT tube.*
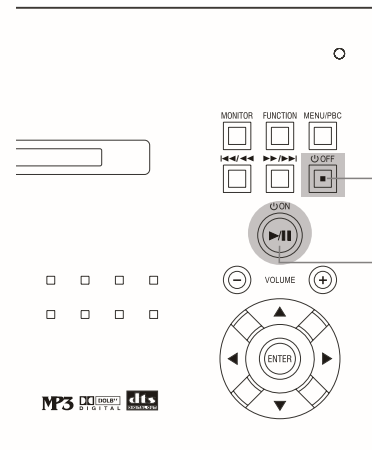
Navigating Disc Menus

Using the MENU and TITLE Buttons to Access Menus on DVD Discs

Most DVDs discs feature menus that will allow you to navigate the various Chapters, Special Features and Setup Options available on the disc. Some menus will automatically be displayed when you insert a disc. To access menus at any time, use the MENU and TITLE buttons. If you see the symbol below when attempting to select a Title or Menu, it means that this type of menu is not available on the disc.

Title menus, for example are not available on some DVDs.

🚫 - Function Not Available
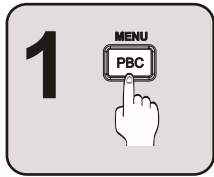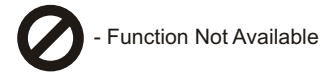
1 MENU PBC

Entering the DVD Menu
Press the MENU / PBC button to access the DVD menu. If the disc does not have a menu, the symbol described above will be displayed.

OR
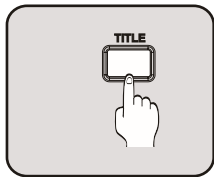
TITLE

Entering the Title Menu
Title menus are available on some DVDs. These menus allow you to select a particular Title or Chapter to play. With some DVD discs, pressing this button will bring up the normal DVD menu. If the "not available" symbol is displayed on screen, this feature is not available on your disc.

2

Navigate with the ARROW Buttons
With DVDs, use the ARROW buttons to navigate through the menu - left, right, up, down.
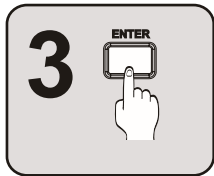
3 ENTER

Confirm Menu Choices with ENTER
Press ENTER on the desired menu option to execute that function.
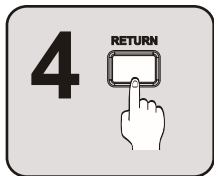
4 RETURN

Returning to Previous Menus and Exiting
Many Disc Menus have multiple layers to navigate through. You can use the RETURN key to return to the last menu accessed.

You can Exit from most Disc Menus by pressing MENU, or following the menu options to resume playback.
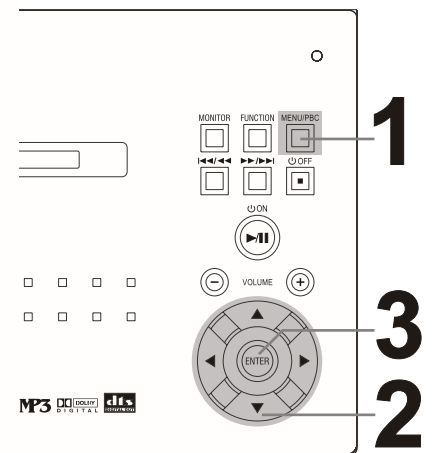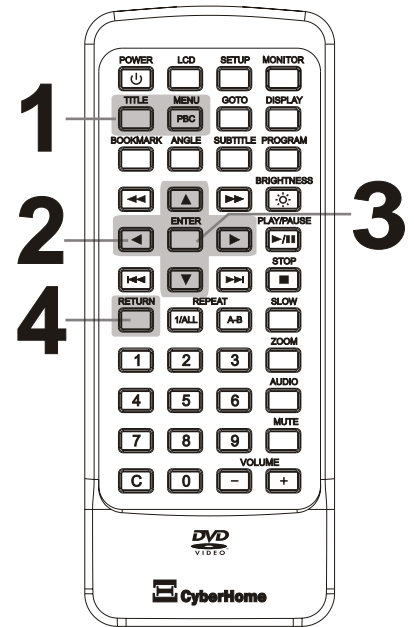
Fast Forward/Reverse & Slow Motion Scanning

Finding a Position on the Disc Using the Search Function

Your DVD Player features a Search function that will allow you to scan through video at fast or slow speeds to find a specific position. The scan functions available will depend on the type of disc you are using. With DVD discs, you may utilize all the available scanning functions, including Fast Forward and Fast Reverse, both at x2, x4 and x8 speeds, as well as Slow Motion at 1/2, 1/4 and 1/8 speeds. Audio CDs do not support Slow Motion scanning.

Fast Forward or Reverse Scanning

The Fast Forward (FF) and Fast Reverse (FR) buttons are only functional while the disc is playing. To start searching, press the button for the desired direction. The beginning scan speed is 2x, or twice the normal speed. Press the button repeatedly to cycle through all available scanning speeds. Press the PLAY button to resume normal viewing.
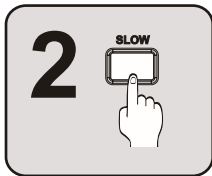
Slow Motion Scanning

With DVDs, you can slow the speed of playback to a mere fraction of the normal speed. While the video is playing, press the SLOW button. The playback speed will slow to ½ normal speed. To cycle through all speeds, continue to press the SLOW key. Press PLAY to resume normal playback.
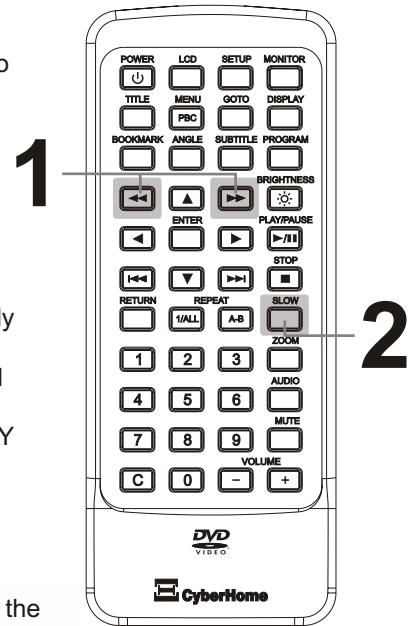
Skip Forward and Skip Back

Advancing to the Next Track or Skipping Back Through Tracks

Your Player provides a convenient method for advancing or skipping back through tracks, chapters, songs or other segments on DVD or Audio CD discs.
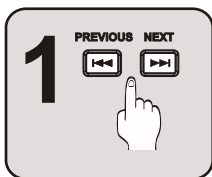
The Next and Previous Track Buttons

Use the NEXT ▶▶ and PREVIOUS ◀◀ buttons to skip through the tracks on DVDs and Audio CDs. On Player, please press and hold 3 seconds. Pressing PREVIOUS again will return to the beginning of the previous track. Advance through the remaining tracks on the disc by using the NEXT button. When the last track is reached, however, pressing NEXT will not return to the first track on the disc. This principal also holds in the reverse direction.
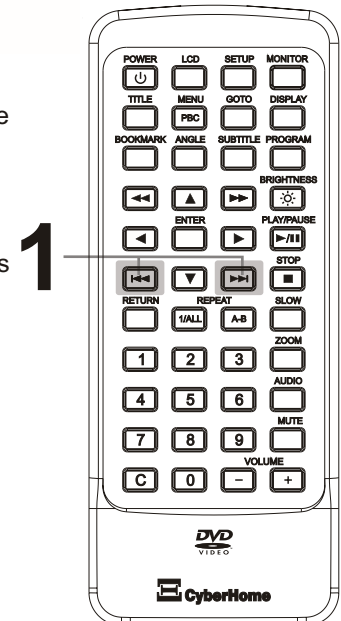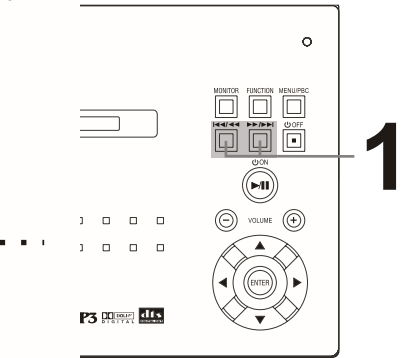
Jumping to a Specific Chapter/Track or Time Position

You may Choose a Specific Track or Time Position to Playback

There are many options available to choose the beginning playback point on DVDs, and Audio CDs. You may use the GOTO button, or enter a Track Number directly using the NUMBER buttons (CD-Audio).

1

Select the GOTO Button
When a DVD is playing, press GOTO to select the Title, Chapter or Time (Hours, Minutes and Seconds) of the position on the disc you wish to begin playback.

2
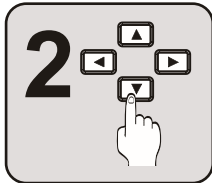
Navigating the GOTO Menu
Select the Title, Chapter, or Time categories by pressing the LEFT and RIGHT ARROW keys to move to the appropriate box. Use the UP/DOWN ARROWs to select a Title or Chapter to go to, or enter a Time Value with the NUMBER keys.

T 01 *C* 01 🕐 00:02:30

3
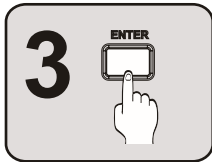
Press ENTER to Jump to the Location
Confirm your choice with the ENTER key and disc play will begin at the specified Title, Chapter or Time Value.
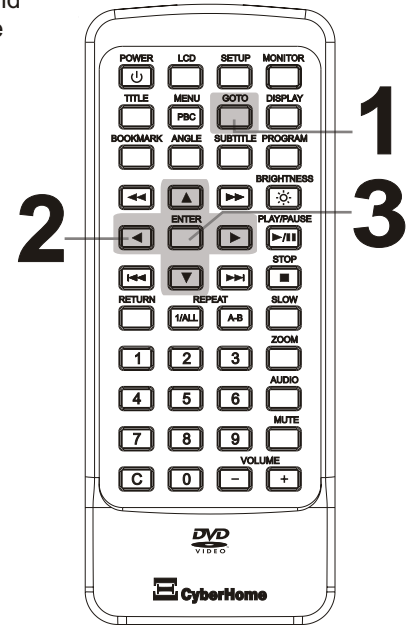
Using the Number Keys to Jump to a Track with CDs

If you're using a CD, you can jump directly to a track simply by hitting the NUMBER key that corresponds with the track you wish to play.

1
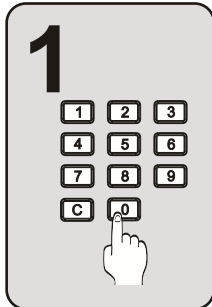
Enter Values with Number, C and +10 Buttons
With playback stopped or during playback, use the Number buttons, along with the C (Clear) key, to enter numerical values representing Track or Chapter Number to jump to. If you wish to clear an entry, press the C button repeatedly to backspace through the digits you want to delete.

To enter a number greater than 10, please use GOTO Button.
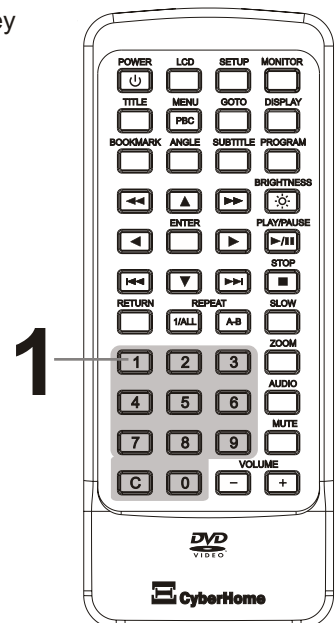
Saving Locations for Quick Play with Bookmarks

Mark Points on the Disc for Quick Play with the BOOKMARK Button

While you're watching a DVD, you can easily "mark" points on the disc that you would like quick access to later on. You can also use bookmarks with Audio CDs.

1 BOOKMARK

Press the Bookmark Button
Press the Bookmark button to bring up the Bookmark Menu:

⊳ _ _ _ _ _

2 ◄ ►

Select the Location to Store the Bookmark
Use the L/R ARROW buttons to navigate through the available Bookmark locations (1-5) to the one that you would like to save the current disc play position to. In the example here, all locations are open, so we'll choose the first one.
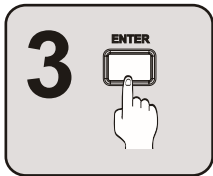
3 ENTER

Press ENTER to Save the Bookmark Location
Now the play position is saved as a Bookmark in position one.

⊳ 1 _ _ _ _

4 BOOKMARK

Press BOOKMARK to Exit the Bookmark Menu
Now, you can return to play the Bookmarks you've saved at any time by using the BOOKMARK button, selecting a Bookmark and pressing ENTER.
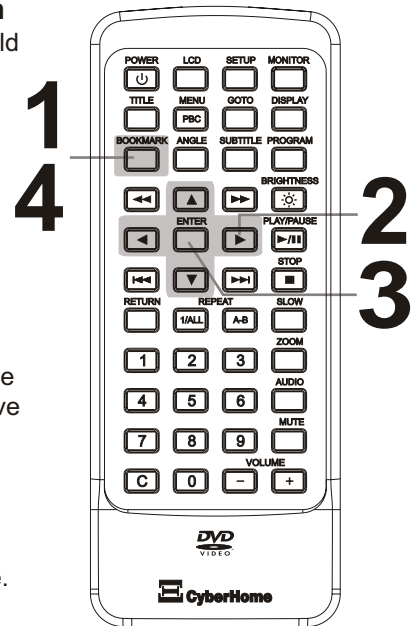
Quick Tips

• *To clear Bookmarks, use the C key.*
• *Bookmarks are erased when the disc cover is opened.*

Repeating a Title, Chapter/Track or Disc

Repeat a Single Track on an Audio CD or an Entire DVD Disc

Your player has many options for repeating segments of DVDs and Audio CDs. This section covers how to repeat segments already defined on the disc, such as a Chapter or Track. The next section deals with creating your own segments to repeat.
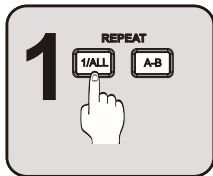
Using the REPEAT - 1/ALL Button

While you're listening to an Audio CD, press the REPEAT - 1/ALL button repeatedly to cycle through the available repeat options. The status of the repeat option will be displayed in the upper left-hand corner of the screen.

With DVDs, press the REPEAT - 1/ALL button once to repeat the Current Chapter, twice to repeat the Current Title, and three times to repeat the Entire DVD. With Audio CDs, you'll have the option to repeat the current Track or the complete CD.

To Cancel Repeat Play, press the REPEAT - 1/ALL button until the status shows OFF.
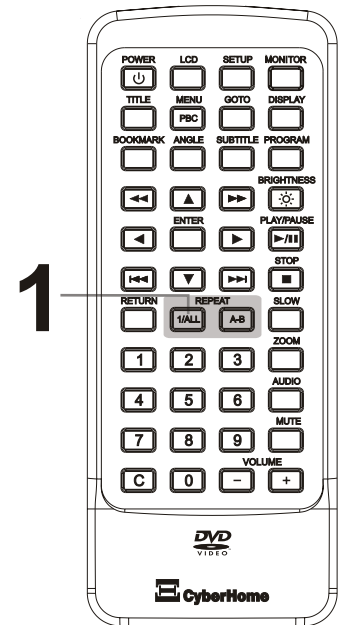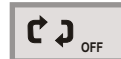
Repeating a Specific Time Segment

If you would like to repeat only a segment of an Audio Track or DVD Title, simply mark the beginning and endpoints of the segment with the REPEAT A-B button.
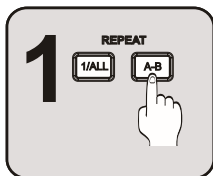
Using the REPEAT A-B Button

While viewing or listening to a disc, when you get to the point that you would like to mark as the Beginning of your repeating segment, press the REPEAT A-B button.

The following display will appear in the upper left-hand corner on the screen:
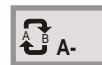
The display indicates that the start point of your repeat segment has been marked. Next, you will enter the endpoint of the segment you want to repeat.

When you reach the ending for your segment, press REPEAT A-B a second time. Now, the display reports:

This indicates that the player is in A-B Repeat mode, and will continuously play the segment you defined until you cancel repeat mode. To Cancel A-B Repeat Play, simply press the REPEAT A-B button again. The repeat status icon reports "OFF", and play continues as normal.

Quick Tips

- *When using A-B Repeat with an Audio CD, your segment must be no longer than a single track.*
- *When using A-B Repeat with DVDs, your segment must be no longer than a single Title.*

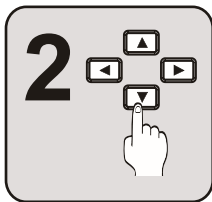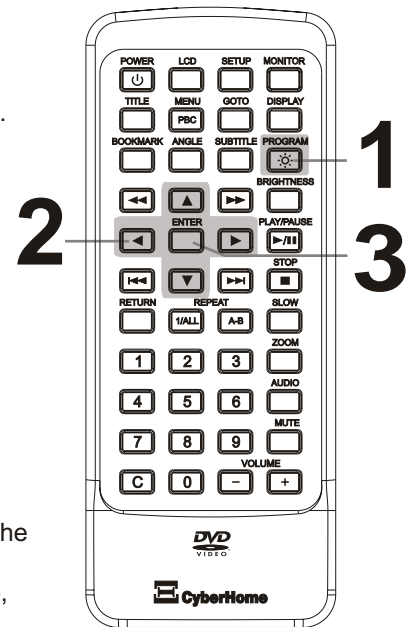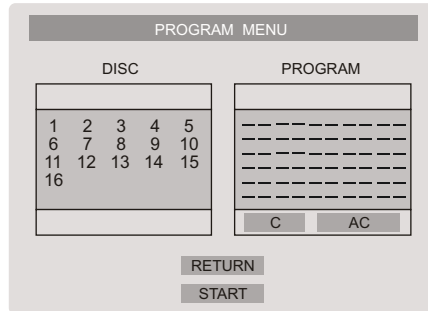# *Playing Tracks in a Particular Order with Program Play*

Create Custom Playback Programs of up to 30 Steps

If you would like to program the Chapters or Tracks on your CD discs to play in an order you specify, create a custom playback program with the PROGRAM button.
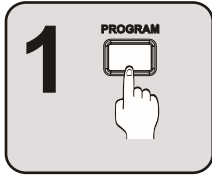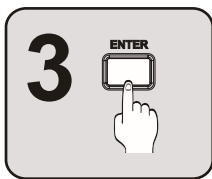
1 PROGRAM

Select the PROGRAM Button during Playback

You will see the Program Menu on the screen. The track list numbers are on the left, with 30 program locations on the right.
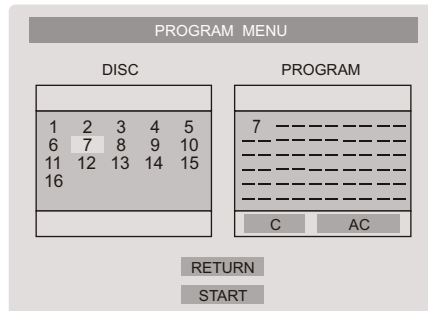
```
              PROGRAM  MENU

        DISC                 PROGRAM

    1   2   3   4   5      — — — — — —
    6   7   8   9  10      — — — — — —
   11  12  13  14  15      — — — — — —
   16                      — — — — — —
                           — — — — — —
                              C     AC

                   RETURN
                   START
```

2 ◁ △ ▷ ▽

Navigate with the ARROW Buttons

Use the ARROW buttons to navigate to the Track Number on the left that you would like to add to the Program List on the right. Also use the ARROWs to go to the C (Clears individual tracks), AC (Clears All tracks), Return (Exit) or Start functions.

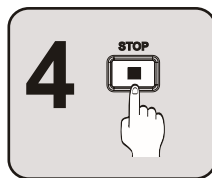**3** ENTER

Add a Track to the Program List with ENTER

Hit the ENTER key on a Track Number that you want to add to the Program List. In this example, we press ENTER on track seven. Notice that it's now added to the program list.

```
              PROGRAM  MENU

        DISC                 PROGRAM

    1   2   3   4   5      7 — — — — —
    6   7   8   9  10      — — — — — —
   11  12  13  14  15      — — — — — —
   16                      — — — — — —
                           — — — — — —
                              C     AC

                   RETURN
                   START
```

The tracks you select will play in the order they are added to, and appear in, the Program List. To Start the Program, navigate to START and press the ENTER key. The Program icon will appear on the screen, indicating Program Mode.
If you wish to exit the Program Menu, select the [PROG] RETURN function.

4 STOP

To Stop Program Play

To switch from Program Play to normal playback, press STOP, then PLAY. Press the STOP button twice to end Program Play, reset the play position to the beginning of the disc and erase the current program.

Quick Tips

- *To Resume normal playback, press STOP, then PLAY.*
- *Programs will be erased after the Program sequence has been completed.*
- *To Clear tracks from the Program, select the C function.*
- *To Erase the current program, navigate to AC. Press ENTER.*
- *Program Mode does not work with DVDs.*

Playing MP3 Files with the MP3 Navigator

Your DVD Player is also a Feature-Packed MP3 Player!

When you insert an MP3 disc, the player will launch the MP3 Navigator, an on-screen program that lets you easily select and play MP3 files stored on CD-R or CD-RW discs. The MP3 Navigator gives you several options for MP3 Playback, including Repeat and Shuffle modes.

MEDIA PLAYER

\My Music

📁 Rock & Roll Tunes
📁 Dance All Night

1   You're the girl for me
2   Joe Starls - Where have all the good ones gone
3   Best of Monk Willis - Going Home Today
4   Now is not the time to tell me you love me
5   80s favorites - My love is like a river

1:23 / 4:21

Best of Monk Willis - Going Home Today

◀ ▶ ▲ ▼ ENTER/PLAY ⏮/◀◀ ▶▶/⏭ 1/ALL   PLAY MODE: SHUFFLE

Current Folder
Displays the current folder on the disc.

Current Track
Name of track that's currently playing.

Elapsed / Total Time
Shows play progress for the current track.

Button List
List of buttons functional in the Media Player.

Repeat Mode
Displays the repeat mode, if selected.
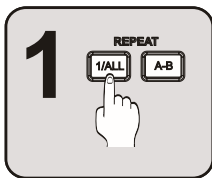
1 — Select the Repeat Mode with REPEAT - 1/ALL

Repeat Mode gives you the option to repeat a single file, entire directory or a whole disc, as well as the option to repeat only a single file. You select from the following choices by pressing the REPEAT - 1/ALL Button:

- **[BLANK]** - Plays the files normally with no Repeat functions.
- **One** - Repeat only one file. Plays the current track in a loop.
- **Disc** - Repeats the entire disc (all tracks on the disc).
- **Dir** - Repeats all tracks in the current directory.
- **Shuffle** - Plays tracks in a random order.
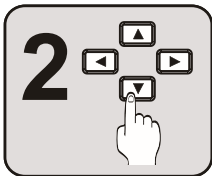
2 — Navigate to a File or Folder

Use the arrow keys to select the File you wish to play or the Folder you want to open. To return to a previous folder, press LEFT ARROW key ◀ to return to the previous folder. To skip to a next page, press RIGHT ARROW key ▶ to skip to the next page.

3 — Press ENTER to Play

Pressing ENTER will play the selected File, Folder or Repeat Program. Also use ENTER to open folders. If no Repeat Mode is selected, pressing ENTER on a file will begin playing all files on the disc in the order they are stored.
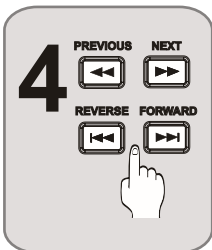
4 — Fast Forward/Reverse and Skip Next/Previous

You can scan through MP3 songs in Forward or Reverse direction with the FF/REV buttons. To skip ahead or back to a track, use the PREVIOUS/NEXT keys.
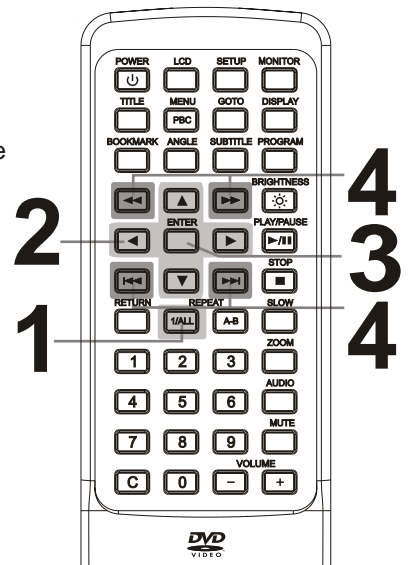
Quick Tips

- *MP3 Files must be saved with the extension ".MP3" (upper or lower case) in order to play.*
- *You can have a maximum of 250 Files or Folders.*
- *MP3 Discs must have a "Closed Session" in order to play properly.*

Viewing JPG Files on Your TV

You Can Play Slide-Shows of JPG Images Stored on CD-R and CD-RW Discs
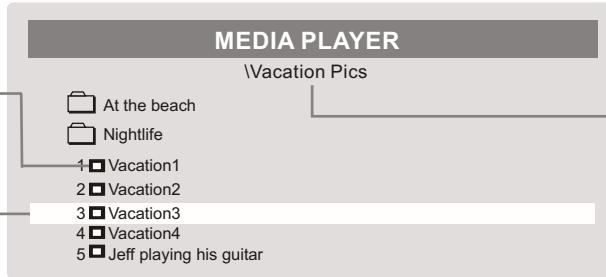
When you insert a disc containing only JPG files, the player will automatically launch a Slide-Show of your images. For discs with MP3 and JPG files, the Media Player discussed on page 28 will be launched. JPG Picture files must be saved with the .JPG extension. Example: "Vacation1.jpg"

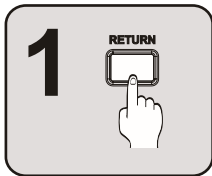**JPG File Logo**. This ☐ logo is show on the menu to indicate the file listed is a JPG

File Listing List of files in current directory with selected file highlighted.

```
                    MEDIA PLAYER
                    \Vacation Pics
       ☐ At the beach
       ☐ Nightlife
     1 ☐ Vacation1
     2 ☐ Vacation2
     3 ☐ Vacation3
     4 ☐ Vacation4
     5 ☐ Jeff playing his guitar
```

Current Folder Displays the current folder on the disc.

1 RETURN

Exit the Slide-Show with RETURN
If your disc contains only JPG files, the Slide-Show will automatically start. To exit the Slide-Show and return to the Media Player, press RETURN. From the Media Player, you can select individual images for display using the ARROW and ENTER keys.
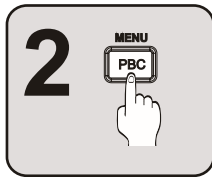
2 MENU PBC

Press MENU to Begin Slide-Show Play
After you have selected a file to view and pressed ENTER, the picture will be displayed on the screen. From here, you can start Slide-Show mode by pressing the MENU/PBC button. Slide-Show mode displays all the files on the disc in the order they're stored for 5 seconds each.

3 REPEAT 1/ALL A-B
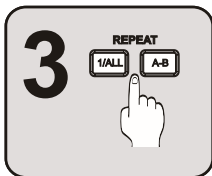
Select Slide-Show Transitions and Time Interval
You can choose from 12 types of transitions that will animate the change from one picture to the next. Transition modes are listed to the right. While the Slide-Show is in progress, press the REPEAT 1/ALL button to choose a transition type.

To adjust the Time that each picture will be displayed on-screen, press REPEAT A-B. Choices are 5,10 or 30 Seconds.
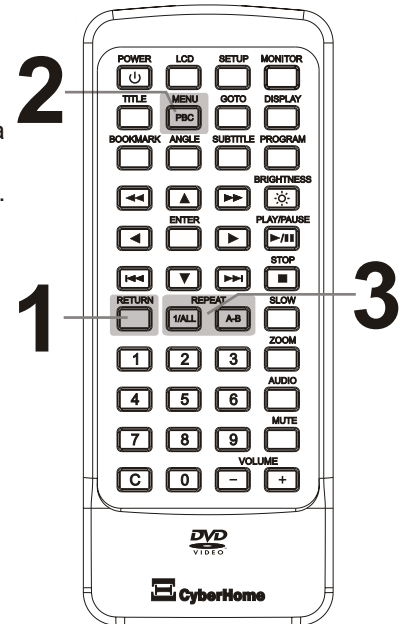
More JPG Functions

Rotating and Viewing a Negative of a Photo
When a picture is displayed in non-Slide-Show mode, press the LEFT/RIGHT ARROW keys to Rotate the picture and the SLOW button to see a Negative of the image.

ZOOM Functions - Actual Size, 2X, 4X, 1/2, 1/4, Fit Screen
When a picture is displayed in non-Slide-Show mode, use the ZOOM key to cycle through a variety of magnification options. Pressing ZOOM once will display the image in Actual Size. Since the size of the typical TV screen is about 640x400 pixels, if your image is larger than this, only a part of the picture will be displayed. In this case, you can move around the picture using the ARROW keys. Press ZOOM repeatedly to view all modes - 2X and 4X Zoom In, Half and Quarter Size Zoom Out, and the default, Fit to Screen.


Quick Tips

Transition Modes

1. Top to Bottom
2. Bottom to Top
3. Top/Bottom to center
4. Middle open Up/Down
5. Vertical Blinds - Left
6. Left to Right
7. Right to Left
8. Horizontal to center
9. Center to Horizontal
10. Corners to center
11. Horizontal blinds
*12. Random*

Using the Zoom Function

You can Zoom In during Playback or on a Still Frame

Want to take a closer look at something you see in a DVD movie? Use the Zoom function. The Zoom function lets you enlarge the Video Image to twice (2x) the original size, while also viewing a Reference Window showing the full original picture. Zoom works on a still frame, as well as during Video Playback.
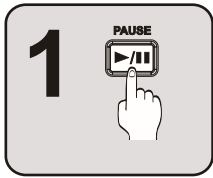
Pause Disc Playback (Optional)

Zoom is most effective if you Pause the video on a single frame to examine. However, Zoom will work while playing a movie as well. If you wish to Pause the action, press the PAUSE button.
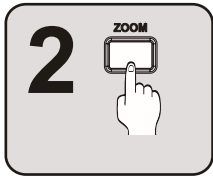
Select the ZOOM Button

Press the ZOOM button to enlarge the image for 2x. A Reference Window is provided to help you locate which area of the actual picture you are zoomed in on:
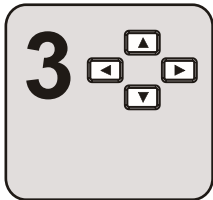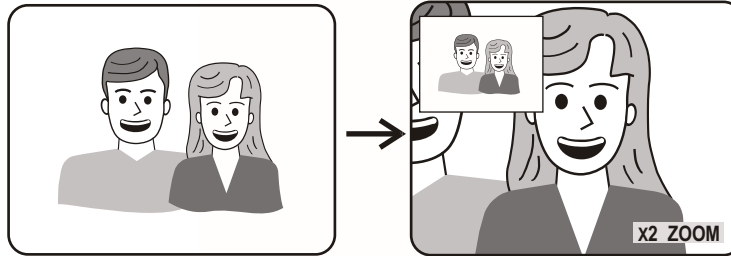
Navigate with the ARROW or NUMBER Keys

You can use the ARROW keys to move to a part of the screen you would like to see closer. Pressing the LEFT ARROW button will move the focus of the Zoom to the left, and so on.
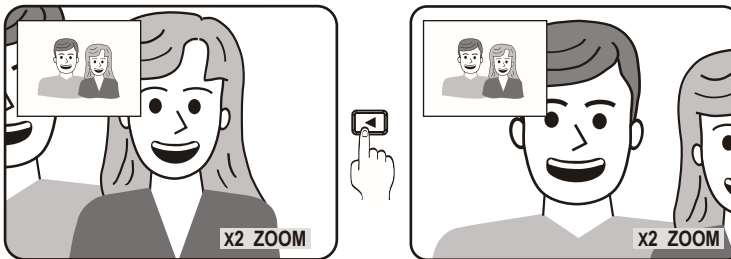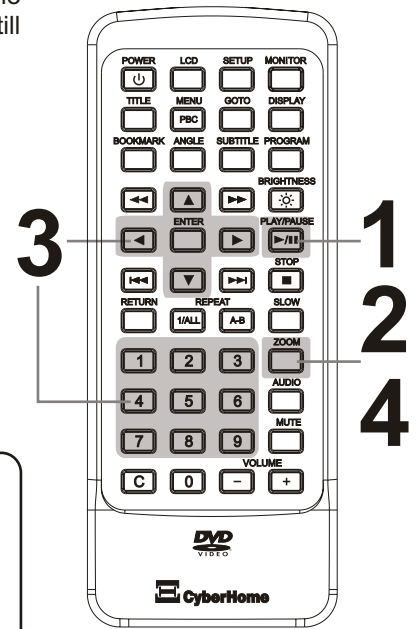
OR
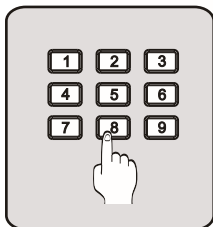
Alternatively, the NUMBER keys can be used to go directly to the location on the screen you wish to view. Each number corresponds to a specific area of the screen as shown to the right:

1	2	3
4	5	6
7	8	9
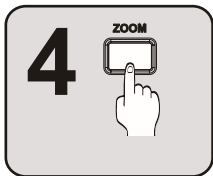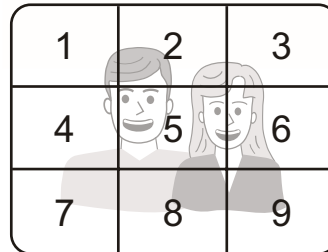
Return to Normal Viewing

Press the ZOOM button again to return to normal playback mode. The ZOOM icon disappears from the screen.

Video Mode Playing

Selecting the Video Mode
Press the MONITOR button to select which Video Mode you are going to use. Your DVD player provides three types of VIDEO Modes - 1) Normal Player operation, 2) Player Audio/Video output to External Monitor/Speaker, and 3) Audio/Video Input from External Devices.
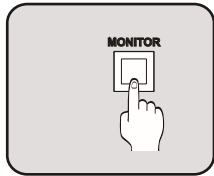
Using a Larger Screen
Enjoy watching DVDs on a Larger Screen? Connect the DVD Player to your TV/Receiver first (See pg 16-19). After connecting, once you press MONITOR Key to change the Video Mode, your player will output Audio/Video signals to External Devices. At this moment you will see the message *AV OUTPUT TO EXTERNAL* on the built-in screen and the screen will turn off.
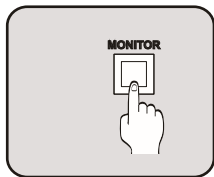
AV OUTPUT TO EXTERNAL
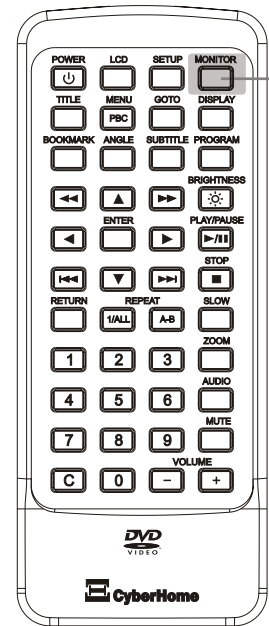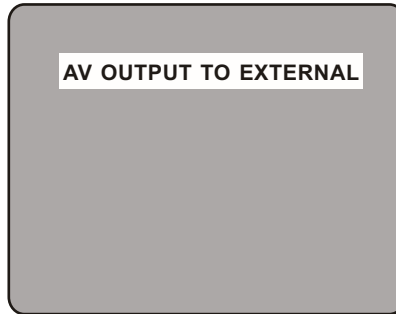
Important Note about Output Signals
- Please keep your player away from televisions, computers, or other monitors easily influenced by magnetism. Your player's speakers do not have magnetic shielding.
- The Volume may be too High or Low from External Devices. Adjusting both player and external device volumes controls to the proper levels.

Watching Programs on Built-in Screen from External Devices
Pressing Monitor key twice, your player will turn to Audio/Video Sources Inputting from External Devices playing mode. You can watch your Camcorder etc. or other External Audio/Video sources on your player's built-in screen. The Power Indicator will be changed when the player is in External Audio/Video mode.
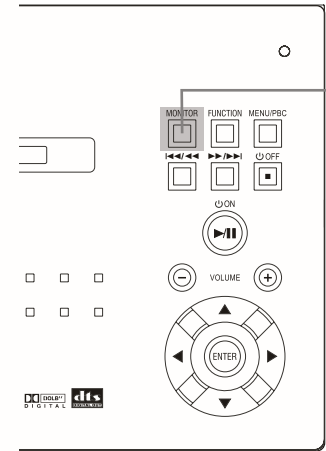
	Power Indicator	Power Indicator (Short of Battery)
Built-in Screen Playing	Green	Alternate Green / Orange Flashes
Player to External Devices Playing	Green	Alternate Green / Orange Flashes
External Video/Audio Sources to Player Playing	Orange	Alternate Green / Orange Flashes

Quick Tips

- *Make sure Audio/Video Cables connecting to your player into the right Jack.*
- *In AUDIO/VIDEO IN Mode, the Volume Indicator won't show on Built-in Screen when you are raising or lowering the Volume, but the Volume function is working.*

Built-in Screen Displaying Mode

**You can choose 4 types of Display Modes for the built-in screen.**

Your Player features four Display Modes - Full, Wide, Normal, and Off. In Full Mode, the full 16:9 display is used. This is ideal for movies recorded in widescreen format. In Wide Mode, a special function slightly compresses a 4:3 image so that it will look more normal using the full 16:9 widescreen display. Try this mode for movies recorded for standard TVs. Normal mode changes the player's screen to match that of a standard TV. This should be used for watching movies recorded in "FULL SCREEN" or normal 4:3 format. The OFF Mode shuts down the built-in LCD screen. This is ideal for listening to audio CDs. Press repeatedly to cycle through the Video Modes.

Full Mode
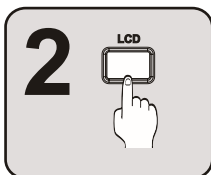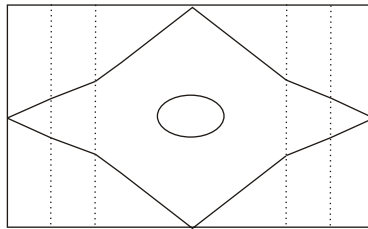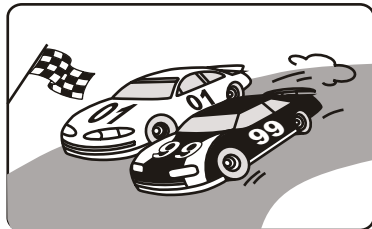The default Mode is FULL. This is ideal for widescreen movies.
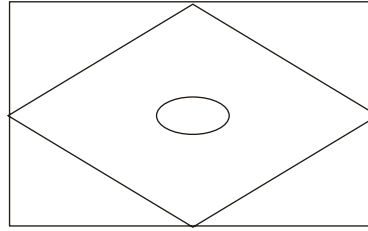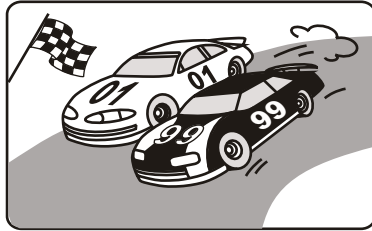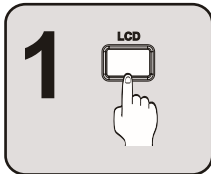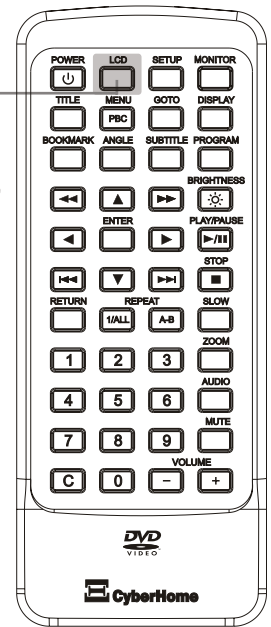
Press LCD Button to select Wide Mode
When viewing a movie recorded in standard 4:3 format for normal TVs, try this setting. A unique horizontal timing scaling is used to display the image on the full widescreen, where it would otherwise appear stretched over the width.

Normal Mode
When viewed on the player's widescreen display, movies made for standard televisions (4:3 aspect ratio) will appear stretched horizontally. To solve this problem, use the NORMAL mode to convert the player's widescreen display to that of a standard TV.
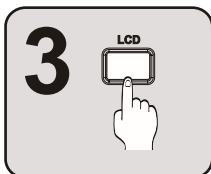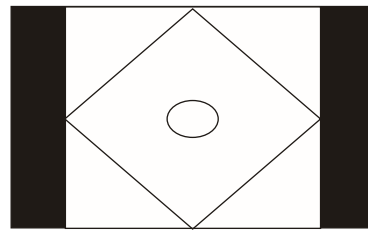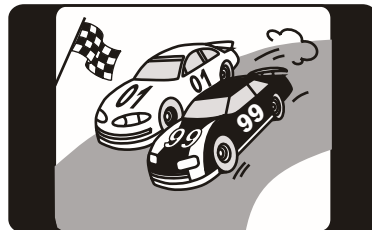
Shutting down the built-in screen
After the Normal Mode, press LCD key again to shut down the built-in screen. At this moment, your player is still running. Press LCD button again to turn back on LCD Display.

Quick Tips

LCD Displaying Function is different than Aspect. LCD Displaying Mode allow you to adjust built-in Screen Displaying Size. Aspect lets you choose the setting to suit your media format and display preference.

Brightness

. . . .

Adjusting Brightness Levels with BRIGHTNESS Button

Your DVD Player provides a convenient function allowing you to adjust Brightness either by pressing the Remote Control BRIGHTNESS Button or using the Function Menu BRIGHTNESS (See pg 36) if the Remote's not handy. Adjust the Brightness when your viewing environment is insufficient light or too bright. Some titles are recorded too dim, so you can simply adjust brightness by using this feature.

BRIGHTNESS - 0 to 24 Levels

You may adjust the Brightness of the picture from 0 to 24 levels by pressing BRIGHTNESS Key. Once BRIGHTNESS Key is pressed, icon ☼ will be showed on screen, indicating the Brightness Menu. Press BRIGHTNESS Key repeatedly to cycle through the Brightness levels. Using Function Menu BRIGHTNESS, please refer to pg 36.
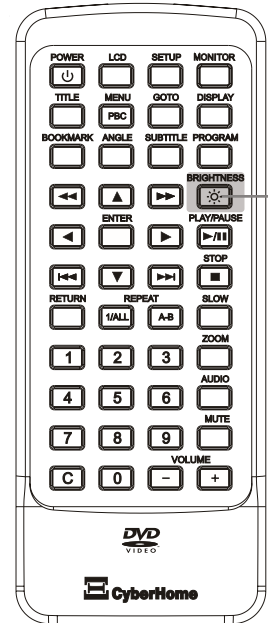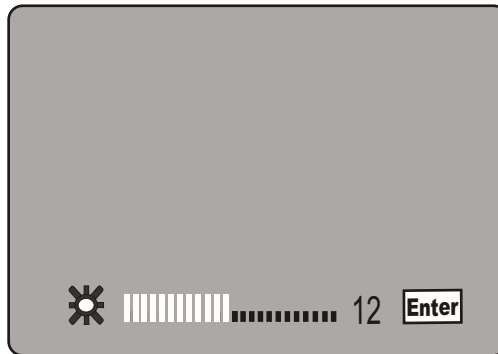
More Audio & Video Functions

1

MUTE

Suspending Audio with the MUTE Button
To temporarily cancel the Audio of the disc you're listening to or watching, simply press the MUTE button. You'll see an indicator on screen letting you know that the player is in MUTE mode. Press MUTE again to resume normal playback with Audio.
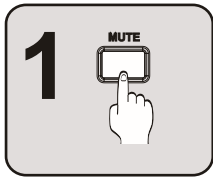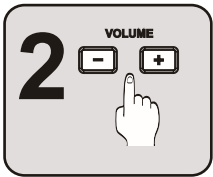
2

VOLUME

Adjusting Volumes - VOLUME Button
Press the VOLUME + and - buttons to adjust playback Volumes of the disc. After the VOLUME Button is pressed, the VOLUME Icon will be displayed on the screen, indicating that Volume is being increased or decreased.

3

AUDIO

Changing Audio Settings - AUDIO Button
You can switch between the various Languages and Audio modes on DVD discs with the AUDIO button. Used with DVDs, AUDIO cycles between the languages and soundtracks available on the disc, including DTS, Dolby Digital 5.1 and Stereo Audio. Audio CDs offer fewer audio options, usually including Mono Left/Right, Mix Mono and Stereo.

4
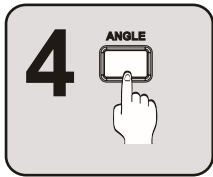
ANGLE

Multi-Angle Support - ANGLE BUTTON
Some DVDs are recorded with a feature called "Multi-Angle View". If you are viewing a DVD that includes this feature, press the ANGLE button to bring up the Angle Menu. Then, use the UP/DOWN ARROW keys to switch between available Angles.

5

SUBTITLE

SUBTITLE - Explore Subtitle Languages
Use the SUBTITLE button with DVDs recorded with Subtitle tracks. This key will allow you to turn Subtitles On and Off, and switch between the available languages on the disc.

A 01/03 EN ON Use the UP/DOWN ARROW keys to select an available Subtitle Language.

A 01/03 EN ON Press the RIGHT ARROW button to move to the ON/OFF setting. Then, use the UP/DOWN ARROW keys to turn Subtitles On or Off.
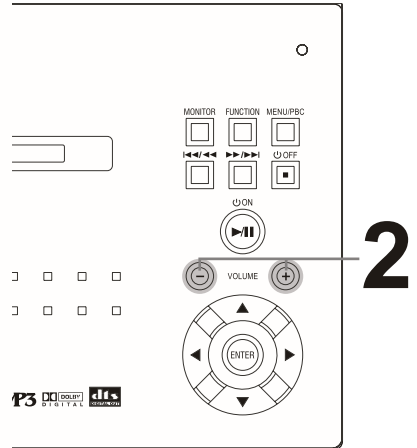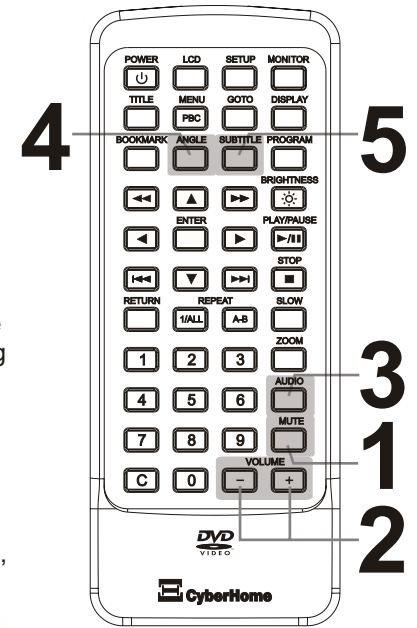
Quick Tips

- *Most functions depend on the type of disc being used.*
- *Functions vary widely among DVD discs. The unavailable symbol will be displayed when you try to use a function that's not available on your disc.*

Putting it All Together with the Display Button

. . . .

Get Quick Access to Playback Information and Important Functions

Use DISPLAY to get information about the playback session, as well as direct command of some of the most important functions already discussed, all grouped together in one Menu for Quick and Easy Access.
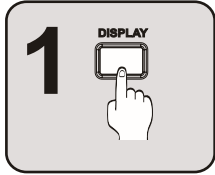
1 DISPLAY

Press the DISPLAY Button while a Disc is Playing

Page one of the Display Menu will be presented across the top of the screen. To access page two, press the DISPLAY key again. A third press of the DISPLAY button will exit the menu.

1 T_{01} C_{01} 🕐 00:00:00 🔊 1/2 DD EN 5.1 CH 🅰 01 / 03 EN ON 📹 - / -

2 ♫ OFF ⟲ A B OFF ▷ _ _ _ _ _ 🔋

2
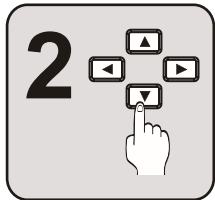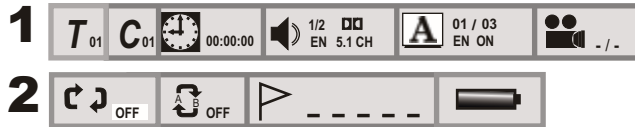
Navigate with the ARROW Buttons

Press the RIGHT/LEFT ARROW keys to move through the menu. Continue to the right to access the second page. To change the values of a setting, use the UP/DOWN ARROWs. Confirm your choices with the ENTER key. You can exit the menu at any time by pressing DISPLAY.

1

2
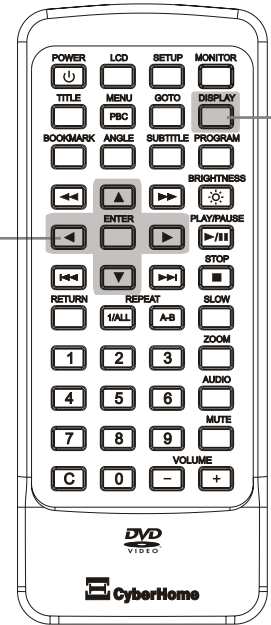
DISPLAY Menu Options with DVD and CD Audio Discs

Following is a list of functions available in the DISPLAY Menu for the most common disc types, along with the page numbers where they are discussed in-depth.

❶ ❷ ❸ ❹ ❺ ❻ ❼ ❽ ❾ ❿

T_{01} C_{01} 🕐 00:00:00 🔊 1/2 DD EN 5.1 CH 🅰 01 / 03 EN ON 📹 - / - ♫ OFF ⟲ A B OFF ▷ _ _ _ _ _ 🔋

DVD

❶ Jump to Title 24
❷ Jump to Chapter 24
❸ Jump to Time 24
❹ Audio Settings 41
❺ Subtitles 34

❻ Multi-Angle 34
❼ Repeat Playback 26
❽ A-B Repeat Mode 26
❾ Bookmarks 25
❿ Battery Status 37

❶ ❷ ❸ ❹ ❺ ❻ ❼

Tr_{01} 🕐 00:00:00 🪶 OFF ♫ OFF ⟲ A B OFF ▷ _ _ _ _ _ 🔋

CD

❶ Jump to Track 24
❷ Jump to Time 24
❸ Program & Random Play . . . 41
❹ Repeat Playback 27

❺ A-B Repeat Mode 26
❻ Bookmarks 25
❼ Battery Status 37

Quick Tips

- *Most functions depend on the type of disc being used.*
- *Functions vary widely among DVD discs. The unavailable symbol will be displayed when you try to use a function that's not available on your disc.*

Using the On-Screen Function Menu

Adjusting the Brightness Setting in the Function Menu

Your DVD Player features an on-screen Function Menu that allows you to adjust simple settings for Brightness, and enable other functions like LCD MODE. This friendly Function lets you watch DVDs or listen Audio CDs more easily when the Remote Control isn't nearby.

1
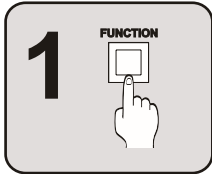
Press FUNCTION Button

Press Player's FUNCTION key to enter the on-screen Function Menu. The initial screen contains the following categories:

DISPLAY
BRIGHTNESS
LCD MODE
BATTERY
SETUP

2
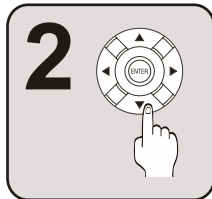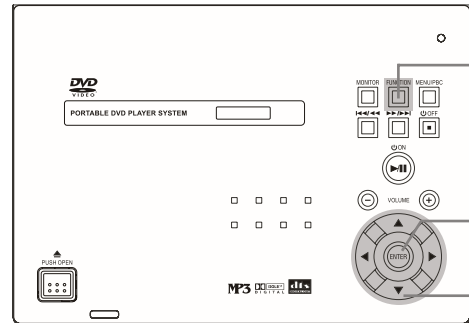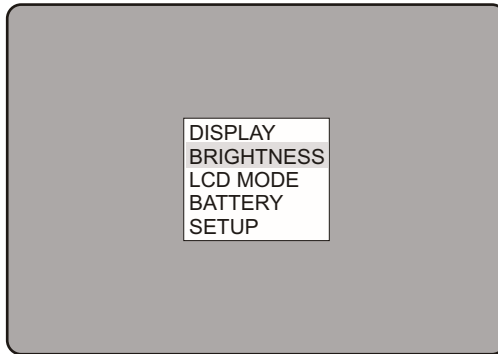
Move Around the Menu with the ARROW Keys

Use the ARROW and ENTER buttons to move around and select options. In this example, we'll hit the DOWN key to adjust Brightness, then hit ENTER Button to enter that setting. Now we can use the ENTER key again to adjust the BRIGHTNESS. Press the button repeatedly to cycle through all available BRIGHTNESS levels - 0 to 24.

3

☼ ||||||||||............ 12 Enter

4
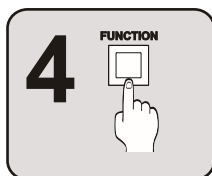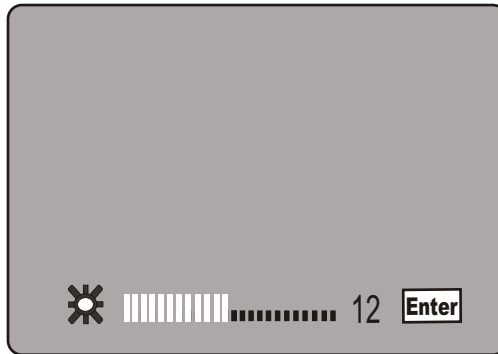
Press Function key again to Exit the Function Menu

You can exit the Function Menu at any time by simply pressing the Function key.

Function Menu Display and Other Options

DISPLAY

Cursor Mode DISPLAY function is the same as well as using Remote Control. (See pg 35) Unlike using the Remote Control the Display will show continuously until you exit it. The Cursor Mode Display will just show about 10 seconds. It will be closed when Cursor Mode time is out.

DVD

| *T* 01 | *C* 01 | 🕐 00:00:00 | 🔊 1/2 EN 5.1 CH | Ⓐ 01 / 03 EN ON | 🎥 - / - | | ↺↻ OFF | ↺ᴬᴮ OFF | ▷ _ _ _ _ _ | | 🔋 |

LCD MODE

The LCD MODE function in the Function Menu is identical to the Remote Control LCD Button (See pg 32). The difference is you can't shut down the LCD Screen from Function Menu. The Function Menu will exit automatically when Function Mode is timed out.

FULL
WIDE ★
NORMAL

DISPLAY
BRIGHTNESS
LCD MODE
BATTERY
SETUP
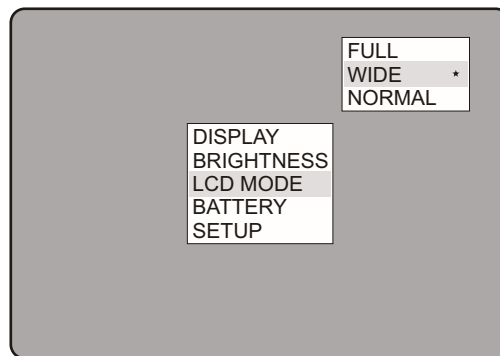
BATTERY

Once BATTERY is selected, you will see the Battery Indicator appear on the upper left-hand corner of the screen. It indicates the current Battery charge. Once the Battery is almost exhausted, the Power Indicator starts to blink, and the Battery Indicator on the screen turns RED. This indicates that your Battery Pack can only be used for about 10 more minutes.

		On Screen Battery Indicator	Front Power Indicator
🔋	Fully Charged	Blue	Green
🔋	Three Fourth Charge Reminding	Blue	Green
🔋	Remaining Charge is getting low	Yellow	Green
🔋	Almost out of Power	Red	Alternate Green / Orange Flashes

SETUP

Choosing the Setup option in the Function Menu accesses the Player SETUP MENU, just like the SETUP button on the Remote Control. (See pg 38) Unlike using the Remote Control, where the Setup Menu shows continuously until you close it, accessing the SETUP from the Function Menu will result in the Menu timing out after 10 seconds of inactivity.

Using the On-Screen Setup Menu

### Adjusting Video and Audio Settings in the DVD Player Setup

Your Player features an on-screen Setup Menu that allows you to adjust settings for your Video and Audio preferences, and enable player features like Parental Lock. When you change settings in the Setup Menu, they are stored even when power is turned off. If you wish to return to the factory defaults, they can be easily reset in the OTHERS menu.

1
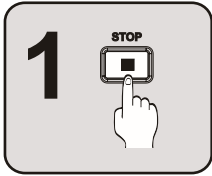
Stop Disc Play

Press the STOP button to stop play of the disc. With Audio CDs and DVDs, after the STOP button is pressed once, the CyberHome root frame will be displayed on the built-in Screen. After exiting the Setup Menu, you can resume playback where you left off.

2
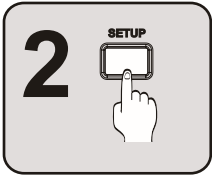
Press the SETUP Button

Press SETUP to enter the on-screen Setup Menu. The initial screen contains the following categories:

> LANG. ▶
> VIDEO ▶
> AUDIO ▶
> CHILD ▶
> OTHERS ▶
> EXIT
>
> ▲▼▶◀ ENTER RETURN SETUP

3
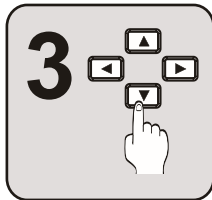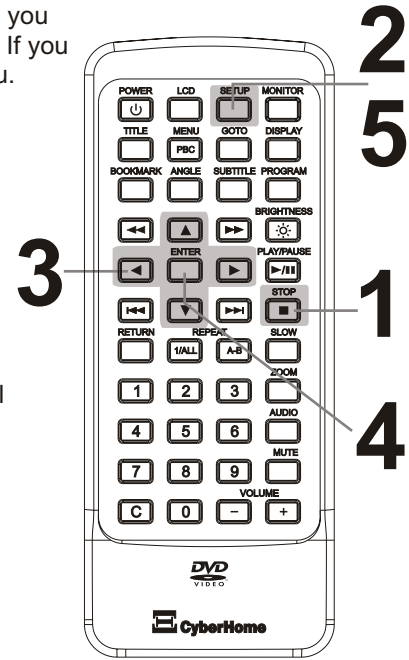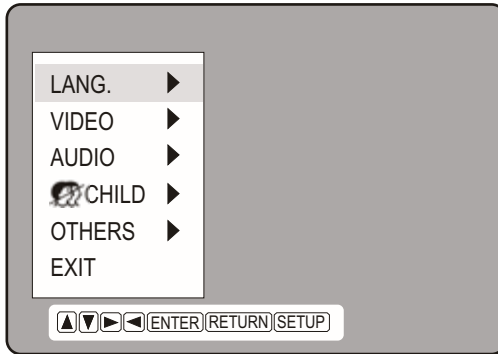
Move Around the Menu with the ARROW Keys

Use the ARROW buttons to move around the menu. In this example, we'll hit the DOWN key twice to go to AUDIO SETUP, then hit ENTER or Right Arrow Key to enter that Menu. Then we'll hit the DOWN key again to select DIGITAL. Pressing the ENTER key and then press the UP/DOWN ARROWs. Now we can use the UP/DOWN ARROW keys to make a selection. In this example, we will choose LPCM. Finally, pressing the ENTER button confirms the setting.

4

> LANG. ▶   DIGITAL   DOLBY/DTS ⬍
> VIDEO ▶   D.R.C   TV MODE
> AUDIO ▶
> CHILD ▶
> OTHERS ▶
> EXIT
>
> ▲▼▶◀ ENTER RETURN SETUP

> LANG. ▶   DIGITAL   LPCM
> VIDEO ▶   D.R.C   TV MODE
> AUDIO ▶
> CHILD ▶
> OTHERS ▶
> EXIT
>
> ▲▼▶◀ ENTER RETURN SETUP

5
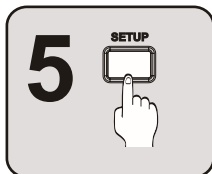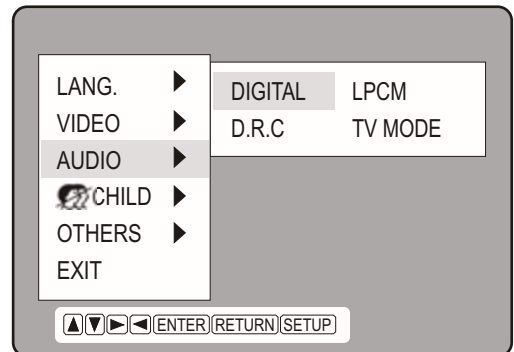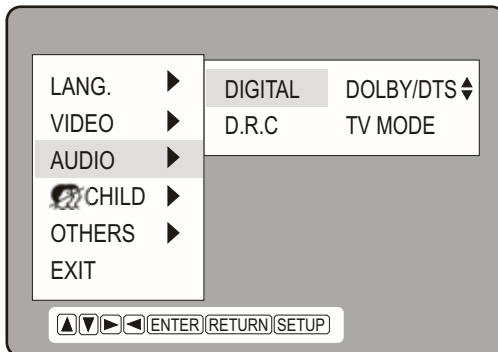
Press SETUP to Exit the On-Screen Setup Menu

You can exit the Setup menu at any time by simply pressing the SETUP key.

Parental Lock and Other Options

Exploring the CHILD and OTHERS Setup Pages
The CHILD and OTHERS Setup Pages contains many important options for your player. The CHILD menu is where you can set a password to control the Parental Lock and Reset functions, which let you limit the play of discs beyond a rating you specify, and reset the settings and password to factory defaults, respectively. The OTHERS menu contains the FACTORY SETTING option, as well as the MNCOLOR setting, which allows you to change the color of the On-Screen Setup Menu.

CHILD - LEVELS 1-8
The Parental Lock allows you to limit the use of your Player to only those DVD discs that do not exceed the rating you specify. When the Parental Control is set, DVD discs that support this feature will play only after the password has been entered. However, typically only discs produced by major entertainment companies support Parental Control. Discs not supporting this feature will be "immune" to Lock-Out.

When you attempt to change the Parental Control setting, you are prompted for a password. This of course makes sense, as this option would be useless if your kids could enter the Setup Menu and disable it! If there is no user password set, you'll be prompted to enter a new password. Choose a 4-Digit numeric password and write it down in case you forget it. Key in the password and press ENTER.

After the password is set, press ENTER on the CHILD option. You can choose from 8 levels of Parental Control, corresponding to the standard rating system in the USA. The available levels and their equivalent ratings are listed to the right:

For Help on Using the Setup Menu, see pg 38.

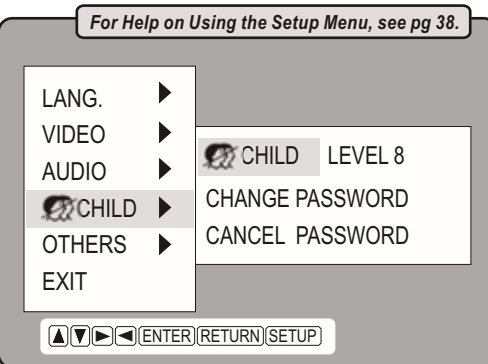| LANG. ▶ | |
VIDEO ▶	
AUDIO ▶	🐾 CHILD LEVEL 8
🐾 CHILD ▶	CHANGE PASSWORD
OTHERS ▶	CANCEL PASSWORD
EXIT	

▲▼▶◀ ENTER RETURN SETUP

LEVEL 1. . . KIDS	LEVEL 5. . . PG R
LEVEL 2. . . G	LEVEL 6. . . R
LEVEL 3. . . PG	LEVEL 7. . . NC 17
LEVEL 4. . . PG 13	LEVEL 8. . . ADULT

CHANGE & CANCEL PASSWORD
Here is where you can change or Cancel your existing password. If you have not already entered the existing password in the Setup Menu, you are prompted for the old password. Enter the existing password for access. *If you have forgotten your password, you cannot use these options - you must reset the player to factory defaults (see below), clearing the previously entered password. After this, you can create a new password as discussed above.

MNCOLOR - BLUE / VIOLET / GREEN / YLW / ORG
Changes the Menu Color to the hue you specify.

VERSION
Displays the version of the DVD Player's FIRMWARE. This may be needed for technical support.

FACTORY SETTING
If you would like to return all settings of your DVD Player's Setup to the factory defaults, choose this option. All values for Audio, Video, Language, Parental Control and Password settings will be reset. When prompted for a password, enter the Default Factory Password - 3782.

LANG. ▶	
VIDEO ▶	
AUDIO ▶	MNCOLOR BLUE
🐾 CHILD ▶	VERSION
OTHERS ▶	FACTORY SETTING
EXIT	

▲▼▶◀ ENTER RETURN SETUP
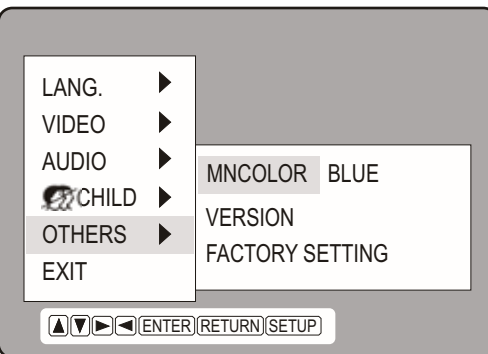
> ### *Quick Tips*
>
> • *Since the factory password is listed here, the Parental Control feature may not be secure if this manual is accessible by your children.*

Video Setup Options

SYSTEM - NTSC / PAL

Your Player will work with TVs based on the NTSC and PAL standards, as well as TVs, Monitors and Projectors supporting the new Progressive Scan mode.

NTSC is the standard TV system used in the USA, Canada, Japan and many other countries, supporting 480 Lines at 60Hz. The PAL TV system is used in Europe, Africa and the Middle East, among others, and supports 576 Lines at 50Hz.

LANG.	▶		
VIDEO	▶	SYSTEM	NTSC
AUDIO	▶	ASPECT	16:9 WS
CHILD	▶	OUTPUT	YPbPr
OTHERS	▶		
EXIT			

▲ ▼ ▶ ◀ ENTER RETURN SETUP

*If you are not sure that you are using a P-Scan TV, don't change this setting until AFTER changing the OUTPUT setting discussed below. If this happens, however, you'll need to reset the player as outlined below. For details on setting up the player with a Progress Scan TV, see pg 18.

Quick Tips

Resetting to the Player's Default Video Settings
Make sure to use caution when changing the OUTPUT settings. If the value selected is not compatible with your Television, you may no longer be able to see the screen. If this happens, follow the procedures below to reset the player's settings to default.

- *Turn the unit off unplugging the power cord or detaching the battery pack.*
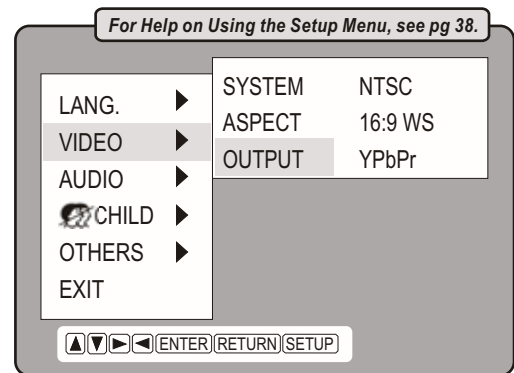- *After a few seconds, power the unit on and LIFT THE DISC COVER.*
- *Enter one of the following codes on the remote control depending on your TV type:*

NTSC (USA):	STOP - 2 - 0 - 0 - 2		PAL (Europe):	STOP - 2 - 0 - 0 - 3

- *The player is now reset to COMPOSITE Video Out and the TV SYSTEM you specified.*

ASPECT - 4:3 PS / 4:3 LB / 16:9 WS

You can setup your Player to work with normal and wide screen televisions. If you are using a wide screen TV, set this option to 16:9 WS to match the aspect ratio of your TV. When used with a normal TV (4:3 aspect ratio), the 4:3 PS setting results in the typical "Pan & Scan" display, where a movie is clipped on the sides to fit on the TV screen. The 4:3 LB setting will enable the "Letterbox" format, where the movie is presented in wide screen format with black lines at the top and bottom of the screen.

OUTPUT - S-VIDEO / YCbCr / YPbPr

Change this setting to match the type of video input jack you are using on your TV. *If you are using a Progressive Scan TV, you must change this setting FIRST, before the OUTPUT setting described above.

Composite Video is the most common video connection type and is supported on most TVs. If you connect Composite Video to your TV, normally you don't need to change OUTPUT settings, and your TV will get displayed. S-Video is a higher quality video signal that is separated into brightness and color channels. YCbCr, or COMPONENT video is used for TVs, Computer Monitors and Projectors that support three video inputs, one for a color channel (Yellow, Blue, Red). YPbPr - P-SCAN, or Progressive Scan TVs are able to scan a complete video frame on each pass, unlike normal "interlaced" TVs that require two passes to scan each frame.

Audio Setup Options

· ·

DIGITAL - DOLBY / DTS / LPCM

Most DVDs are produced with Dolby or DTS 5.1 Channel soundtracks.
So, normally this setting should be at the default of DOLBY/DTS.
However, this setting can be set to LPCM to support DVDs featuring
this type of audio format. LPCM, or Linear Pulse Code Modulation, is a
stereo digital audio format typically used only with CD audio.

D.R.C - FULL / TV MODE / OFF

Sometimes called "midnight mode", D.R.C (Dynamic Range
Compression) aims to make watching a movie at low volumes more
enjoyable by boosting the quieter sounds while suppressing the louder
sounds. This reduction in the difference between the low and high audio
levels is known as "compression". You can adjust the level of this
compression in three levels: FULL - Highest compression, TV MODE -
Optimized for smaller speakers, and OFF - No compression.

LANG.	▶	DIGITAL	DOLBY/DTS
VIDEO	▶	D.R.C	STANDARD
AUDIO	▶		
CHILD	▶		
OTHERS	▶		
EXIT			

▲ ▼ ▶ ◀ ENTER RETURN SETUP

41
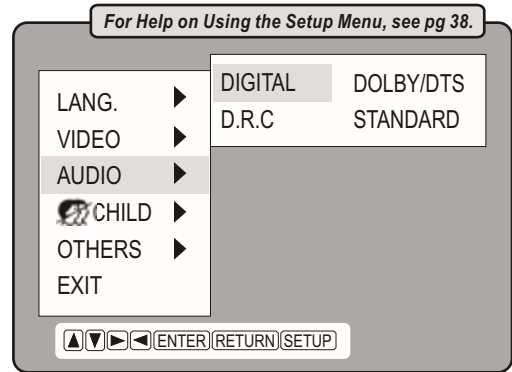
Language Setup Options

Setting Language Options for Setup and DVDs

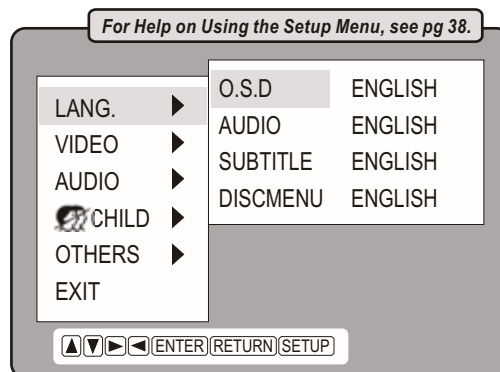The Language Setup Page allows you to change the language the player will use for the On-Screen Display (OSD), as well as the default language for movies with multiple language tracks. Keep in mind that if the DVD you're using does not support the language you choose, the default of the disc will be used. This also applies to Subtitle and Disc Menu settings.

O.S.D - DEUTSCH / ESPAÑOL / ITALIANO / FRANCAIS

With this setting you can change the language of the On-Screen Display menus. This will make it easier to change other options with the Setup Menu if English is not your native language.

LANG. ▶	O.S.D	ENGLISH
	AUDIO	ENGLISH
VIDEO ▶	SUBTITLE	ENGLISH
AUDIO ▶	DISCMENU	ENGLISH
CHILD ▶		
OTHERS ▶		
EXIT		

▲ ▼ ▶ ◀ ENTER RETURN SETUP

AUDIO, SUBTITLE & DISCMENU - ENGLISH / GERMAN / SPANISH / ITALIAN / FRENCH / CHINESE / ORIGINAL / USER-DEFINED

You can set the player to use a preferred language for DVD Audio Tracks, Subtitles and Menus. Of course, these settings will only take effect for DVD discs that support the language you have chosen. If the DVD discs do not support your preferred language, the default for the disc will be used instead. These menus also have the choice of a User-Defined Option. Refer to the following language codes to input a language not listed.

Language Codes

6565	Afar	7165	Irish	7775	Macedonian	8387	Swahili
6566	Abkhazian	7168	Scots/Gaelic	7776	Malayalam	8465	Tamil
6570	Afrikaans	7176	Galician	7778	Mongolian	8469	Tegulu
6577	Amharic	7178	Guarani	7779	Moldavian	8471	Tajik
6582	Arabic	7185	Gujarati	7782	Marathi	8472	Thai
6583	Assamese	7265	Hausa	7783	Malay	8473	Tigrinya
6588	Aymara	7273	Hindi	7784	Maltese	8475	Turkmen
6590	Azerbaijani	7282	Croatian	7789	Burmese	8476	Tagalog
6665	Bashkir	7285	Hungarian	7865	Nauru	8479	Tonga
6669	Byelorussian	7289	Armenian	7869	Nepali	8482	Turkish
6671	Bulgarian	7365	Interlingua	7876	Dutch	8484	Tatar
6672	Bislama	7378	Indonesian	7879	Norwegian	8487	Twi
6678	Bengali	7383	Icelandic	7982	Oriya	8575	Ukrainian
6679	Tibetan	7384	Italian	8065	Punjabi	8582	Urdu
6682	Breton	7387	Hebrew	8076	Polish	8590	Uzbek
6765	Catalan	7465	Japanese	8083	Pashto/Pushto	8673	Vietnamese
6779	Corsican	7473	Yiddish	8084	Portuguese	8679	Volapuk
6783	Czech	7487	Javanese	8185	Quechua	8779	Wolof
6789	Welsh	7565	Georgian	8277	Rhaeto-Romance	8872	Xhosa
6865	Danish	7575	Kazakh	8279	Romanian	8979	Yoruba
6869	German	7576	Greenlandic	8285	Russian	9072	Chinese
6890	Bhutani	7577	Cambodian	8365	Kinyarwanda	9085	Zulu
6976	Greek	7578	Kannada	8368	Sanskrit		
6978	English	7579	Korean	8372	Serbo-Croatian		
6979	Esperanto	7583	Kashmiri	8373	Singhalese		
6983	Spanish	7585	Kurdish	8375	Slovak		
6984	Estonian	7589	Kirghiz	8376	Slovenian		
6985	Basque	7665	Latin	8377	Samoan		
7065	Persian	7678	Lingala	8378	Shona		
7073	Finnish	7679	Laothian	8379	Somali		
7074	Fiji	7684	Lithuanian	8381	Albanian		
7079	Faeroese	7686	Latvian/Lettish	8382	Serbian		
7082	French	7771	Malagasy	8385	Sundanese		
7089	Frisian	7773	Maori	8386	Swedish		

Troubleshooting Common Problems

The Player Does Not Power On
• The AC Power cord may be loose or not plugged in. Make sure the power cord is secure in the AC socket.
• The Battery Pack may be unattached. Make sure the Battery Pack is attached to the unit firmly.
• The Power of the Battery Pack may be exhausted. Recharge the Battery Pack.
• The unit may be in Standby Mode. Turn the unit on with the remote POWER button or PLAY/PAUSE/ENTER Button on the player.
• There must be a pause between powering the unit down and back on of a few seconds.
• Remove Battery Pack or AC Adapter to RESET the player.

A Specific Disc Does Not Play
• The disc may be dirty. Try cleaning the disc.
• Make sure the disc is not in upside-down
• The region code of the disc may not match that of the player. In this case, the disc cannot be used.
• Disc may not be industry standard.

The Remote Control Does Not Function
• Make sure you're aiming the remote directly at the player's remote sensor, located in the front display.
• Make sure there are no obstacles between the remote and the player.
• The batteries may be drained. Try changing the batteries in the remote.
• You could be using the remote too far away. Try within 4 meters of the player.
• Relocate the player to test if these is interference.

Subtitles not shown
• Press Remote Control Subtitle button to turn it on.
• Subtitles display only recorded on DVDs.

The Picture Appears Stretched or Squeezed
• The LCD Mode you are in may be wrong for the movie your're watching. Try changing the LCD setting to suit the movie's aspect ratio (Standard or Widescreen) (pg 32).
• The Video Aspect Ratio may be set wrong for your Television type.
• Enter the Setup Menu and select the Video Menu. Try changing the ASPECT setting to 4:3 PS (Pan&Scan) if you are using a standard TV, or 16:9 WS if your TV is a Wide-Screen type.

No Sound from TV or Speakers
• Once you close the unit's Disc Cover, the unit is still running, but No Sound comes out.
• Disc is Dirty or Damaged. Clean the Disc or change to another one.
• Volume Control is set to Minimum. Raise up the Volume.
• Headphones are connected. Pull out the Headphones.
• If you are using a Digital Receiver, check the Dolby/DTS setting in the player's Setup Menu (pg 41).
• Make sure the audio cables connecting the DVD player to your TV or receiver are secure.
• The movie is paused. There is no sound during Pause or Search modes.

No Image on the Built-in Screen
• Power isn't on. Turn on the Power.
• Video Mode setting may be in Video output to external monitor mode. Press VIDEO MODE Button to change to Normal player operation.
• Make sure the player is not in LCD Off Mode.

Distorted Picture when Connected to a VCR
• This Player is built with Macrovision copy-protection. This will distort the signal when used with VCRs. Connect the player directly to the TV.

Specifications

Playable Discs
DVD, Audio CD, VCD, CD-R, CD-RW, SVCD

TV Systems Supported
NTSC, PAL, P-SCAN

Laser
Semiconductor Laser, wavelength 650nm

Frequency Response (Digital Audio)
DVD Linear Sound: 48kHz sampling 4Hz to 22kHz
                         96kHz sampling 4Hz to 44kHz
Audio CD: 4Hz to 20kHz

Signal-to-Noise Ratio (Digital Audio)
More than 65dB

Audio dynamic range (Digital Audio)
Less than 75dB

Harmonic Distortion (Digital Audio)
Less than 0.015%

Wow and Flutter
Less than ±0.001% (W.PEAK)

Connections
Component Video Out: (Y) 1.0Vpp (75 Ohm), Negative Sync, (Pb)/(Pr) .7 Vpp (75 Ohm)
S-Video Out: Mini DIN 4-Pin (75 Ohm)
Video In / Out: One Pin Jack, 1Vpp (75 Ohm)
Analog Audio In / Out: Two Pin Jacks, 2.0VRMS (470 Ohm)

Operating Conditions
5°C to 35°C (41°F to 95°F), Operation Status: Horizontal

Power Supply
AC 100~240V, 60Hz
DC 10V, 2A

Power Switching Adapter
Input: AC 100~240V 50/60Hz 0.41A
Output: DC 10V, 2A

Power Consumption
Normal Mode: 12W
Standby Mode: 0.3W

Dimensions
5.51" (W) x 7.32" (H) x 1.02" (D)
(140mm x 186mm x 26mm)

Weight
1.47 lbs. (670 g.)

Note: Design and specifications are subject to change without notice.

Battery Specifications

Cell
The cell consists of 6 pieces cell with 1500mAh in 3P 2S configuration.

Voltage
7.4 V

Capacity
Normal: 4500mAh

Operating Temperature
Charging: 0 ~ 45° C
Discharging: 0 ~ 60° C
Storage: 0 ~ 60° C, RH = 60 ± 20 %

Internal Impedance
< 150 m ohms

Estimate Cycle Life
80% initial capacity remaining after 300 cycles

Battery Life
Approx. 3-4 hours, depending on usage

Charging Time
2.7 ~ 4 hours

LED Indicator
Charging: Red
Fully Charged: Green

Dimensions
5.23" (W) x 6.57" (H) x 0.55" (D)
(133mm x 167mm x 14mm)

Weight
0.84 lbs. (384 g.)

*Not:e: Design and specifications are subject to change without notice.

Glossary of DVD-Related Terms

CD-R & CD-RW
Recordable Optical Disc formats that can be used as VCD, MP3 or JPG discs with your DVD Player.

Optical Digital Audio Connector
A digital audio connection used to connect a DVD player to a receiver or pre-amplifier. Transfers a "RAW" (encoded) digital audio signal, minimizes signal degradation.

Component Video
Offers the best interface between a video signal source and a TV. Uses three RCA-type jacks to separate the component signals making up a video signal. A component video signal is comprised of the luminance (Y) signal and separate chrominance (PR and PB) signals.

Composite Video
The most common connection between a DVD Player and a video display, Composite Video uses a single RCA cable.

Dolby Digital 5.1
A digital surround sound system, capable of transferring up to 5 sound channels plus a sub-bass woofer, developed by Dolby Labs. Supported on most DVD discs.

DTS
Digital Theater System. Another digital surround sound system with 5.1 channels. DTS is supported on some newer DVD discs.

Dual-Layer DVD
A DVD disc that has two layers on each side. A single-sided, dual-layered DVD can hold almost four hours of video and audio, and is also known as a DVD-9.

DVD
Digital Video Disc. DVDs come in different formats, such as single-sided or double-sided. Each side can have a single layer or two layers of data.

DVD-5
A DVD that is single-sided, single-layer, holding up to 4.7 GBytes of data.

DVD-9
A DVD that is single-sided, dual-layer, holding up to 8.5 GBytes of data.

DVD-10
A DVD that is double-sided and single-layered, which holds up to 9.4 GBytes of data. This disc must be manually flipped to use both sides.

Home Theater
A system designed to re-create the movie theater experience in the home. A typical home theater system will have a DVD Player, TV, Receiver and Speaker System with 4 speakers and a subwoofer for surround sound.

Interlaced Scanning
Most Televisions use Interlaced scanning, drawing only odd or even lines with each pass.

Glossary of DVD-Related Terms (cont'd)

LPCM
Linear PCM is a method of digital audio storage typically used with CD Audio. This format is sometimes used on DVD discs - at a higher resolution than CD - for stereo soundtracks.

MacroVision
Analog Copy Protection which scrambles video signal when used with VHS recorders. Also has an effect on some projectors and monitors.

MP3
A compressed audio format. Its small size makes it popular for downloading on internet. MP3 files recorded on CD-R or CD-RW media are suitable for playback on your DVD Player.

NTSC
National Television System Committee. This is the standard system for TV in the USA and Japan, among others.

PAL
Video standard used in most European countries and elsewhere.

Progressive Scan
Scans all horizontal lines of a monitor or TV display in one pass, as opposed to Interlaced, which scans only odd or even lines with each pass.

Region Code
DVD movies are produced with region encoding to restrict distribution of titles to certain areas at certain times. To play back a DVD title with a specific region code, you will need a DVD player with the same region code.

S-Video
S-Video offers significantly improved video signal performance over a basic composite video connection. To use this type of connection, your TV must have an S-Video input.

VCD
Digital Video Disc. A digital video disc format particularly popular in Asia. Uses MPEG-1 video compression. The picture quality is roughly that of VHS tapes.

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